

## RESEARCH OFFICER (SCHEME Q)

Research Officer (Q)	Expertise	Research Interest	CV Link
<p>1. <b>Abdah Karimah Binti Che Md Nor</b> School of Health Sciences <a href="mailto:karimah@usm.my">karimah@usm.my</a></p>	<ul style="list-style-type: none"><li>- Molecular biology techniques (Polymerase Chain Reaction (PCR) and Real-Time PCR (qPCR)</li><li>- Cloning, DNA extraction from bacteria and clinical specimens,</li><li>- Thermostabilization (freeze-drying) of PCR reagents, and Lateral flow assay.</li><li>- Cell culture techniques</li><li>- cell treatment, RNA extraction, cDNA synthesis and gene expression.</li><li>- Animal study: breast cancer animal model: Evaluation of new drugs for the treatment of breast cancer.</li></ul>	<ul style="list-style-type: none"><li>- Development of molecular diagnostic assays for the detection of infectious diseases.</li><li>- Evaluation of drug candidates for the treatment of autoimmune diseases (e.g. psoriasis) in 'in vitro' models.</li></ul>	<p><a href="https://drive.google.com/file/d/1Gi8UIQByJxp8Ss1Kb2txgt0T483C-af4/view?usp=drive_link">https://drive.google.com/file/d/1Gi8UIQByJxp8Ss1Kb2txgt0T483C-af4/view?usp=drive_link</a></p>
<p>2. <b>Ahmad Fadly Bin Jusoh</b> Centre for Global Archaeological Research <a href="mailto:ahmad_fadly@usm.my">ahmad_fadly@usm.my</a></p>	<ul style="list-style-type: none"><li>- Archaeology, Archaeometry, XRD, XRF, FT-IR, Raman, Luminescence Dating</li></ul>	<ul style="list-style-type: none"><li>- Archaeology</li><li>- Archaeometry</li><li>- Material Science</li><li>- Luminescence Dating</li></ul>	<p><a href="https://staffusm-my.sharepoint.com/:b:/g/personal/ahmad_fadly_usm_my/EcZn--d4bRFFjEp6sHiKsMcBOLq23MGhLSaWmqPRERz_AA?e=DR87vn">https://staffusm-my.sharepoint.com/:b:/g/personal/ahmad_fadly_usm_my/EcZn--d4bRFFjEp6sHiKsMcBOLq23MGhLSaWmqPRERz_AA?e=DR87vn</a></p>
<p>3. <b>Ahmad Shalihin Bin Mohd Samin</b> National Poison Centre <a href="mailto:asms@usm.my">asms@usm.my</a></p>	<ul style="list-style-type: none"><li>- Bidang kepakaran saya adalah toksikologi alam sekitar yang berkaitan dengan pendedahan kepada bahan kimia dan kawalan tembakau yang melibatkan kesihatan umum.</li></ul>	<ul style="list-style-type: none"><li>- Dioxins exposure among workers</li><li>- Kitchen Emissions</li><li>- Cigarette and Vape/e-Cig laboratory analysis</li><li>- Tobacco control policy evaluation</li></ul>	<p><a href="https://staffusm-my.sharepoint.com/:b:/g/personal/asms_usm_my/Ecw_OCM1K1hAuDQkTcf0aVMBKtUJeQ4IWdMw1rVeqbN-yw?e=bcfbVE">https://staffusm-my.sharepoint.com/:b:/g/personal/asms_usm_my/Ecw_OCM1K1hAuDQkTcf0aVMBKtUJeQ4IWdMw1rVeqbN-yw?e=bcfbVE</a></p>

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<b>4. Ahmad Syahir Bin Zulkipli</b> Centre for Global Archaeological Research <a href="mailto:syahirzulkipli@usm.my">syahirzulkipli@usm.my</a>	<ul style="list-style-type: none"><li>- Self operated - Scanning electron microscopy, nanoparticle imaging, Energy Diffraction X-ray Spectrometer (EDX), digital microscopy, portable raman, portable XRF, archeological survey, foreign material analysis. Archeometry in general and also Microbiology and tissue culture.</li></ul>	<ul style="list-style-type: none"><li>- Archeometry, nanoparticle imaging, material analysis, digital imaging, ISO analysis</li></ul>	<a href="https://staffusm-my.sharepoint.com/:b:/g/personal/syahirzulkipli_usm_my/EUGKwE2tuz9KuJfA8_St8WOB24w_qw3Zcz8S9PMo1Lt27A?e=NpzkwU">https://staffusm-my.sharepoint.com/:b:/g/personal/syahirzulkipli_usm_my/EUGKwE2tuz9KuJfA8_St8WOB24w_qw3Zcz8S9PMo1Lt27A?e=NpzkwU</a>
<b>5. Ainolsyakira Binti Mohd Rodhi</b> Analytical Biochemistry Research Centre (ABrC) <a href="mailto:ainolsyakira@usm.my">ainolsyakira@usm.my</a>	<ul style="list-style-type: none"><li>- Analytical chemistry, Liquid Chromatography Mass Spectrometry, Gas chromatography Mass Spectrometry, Isotope Ratio Mass Spectrometry</li></ul>	<ul style="list-style-type: none"><li>- Halal Project, Environmental Studies, Food Safety</li></ul>	<a href="https://staffusm-my.sharepoint.com/:w:/g/personal/ainolsyakira_usm_my/EfEw1EWr21ZAHWoJKitp6mKBgOb-OLOI92uVN5VDBp9nQ?e=Tpdw85">https://staffusm-my.sharepoint.com/:w:/g/personal/ainolsyakira_usm_my/EfEw1EWr21ZAHWoJKitp6mKBgOb-OLOI92uVN5VDBp9nQ?e=Tpdw85</a>
<b>6. Amira Sofea Binti Mahamad Husin</b> Science & Engineering Reseach Center (SERC) <a href="mailto:amirasofea@usm.my">amirasofea@usm.my</a>	<ul style="list-style-type: none"><li>- Adsorption</li><li>- Microplastic</li><li>- Heavy metal analysis</li><li>- Mechanical testing</li><li>- ISO 17025 accreditation</li></ul>	<ul style="list-style-type: none"><li>- Adsorption</li><li>- Wastewater treatment</li><li>- Membrane technology</li><li>- Microplastic</li></ul>	<a href="https://staffusm-my.sharepoint.com/:f:/g/personal/amirasofea_usm_my/EnFwEe8cuURDoGtDBIBZX1UBXGDgXSOPB8mOV2ggxt918A?e=vFpviL">https://staffusm-my.sharepoint.com/:f:/g/personal/amirasofea_usm_my/EnFwEe8cuURDoGtDBIBZX1UBXGDgXSOPB8mOV2ggxt918A?e=vFpviL</a>
<b>7. Azrina Bt Aziz</b> School of Chemical Engineering <a href="mailto:azrinaaziz@usm.my">azrinaaziz@usm.my</a>	<ul style="list-style-type: none"><li>- Adsorption, activated carbon, waste/biomass utilization, Analytical chemistry, plant extraction</li></ul>	<ul style="list-style-type: none"><li>- adsorption, activated carbon, biochar, plant extraction</li></ul>	<a href="https://drive.google.com/drive/folders/14KG4boBmBSZ8gmygMyY28LEuOep6PePJ?usp=sharing">https://drive.google.com/drive/folders/14KG4boBmBSZ8gmygMyY28LEuOep6PePJ?usp=sharing</a>

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<p>8. <b>Che Ku Abdullah Bin Che Ku Alam</b> School of Industrial Technology <a href="mailto:ck_abdullah@usm.my">ck_abdullah@usm.my</a></p>	<p>- My research interests include the transformation of agro-waste and biomass into value-added products, the modification and treatment of natural fibers, nanocomposites and aerogels. I have 10 years of research experience and consultation in the field of biocomposites and biopolymers. I have a deep understanding of the physical, mechanical, thermal, and morphological characterizations of these materials</p>	<p>- Biocomposites, Biopolymers, Nanoparticles, Aerogel and Natural Fibre Science</p>	<p><a href="https://www.scopus.com/authorid/detail.uri?authorId=36477042900#">https://www.scopus.com/authorid/detail.uri?authorId=36477042900#</a></p>
<p>9. <b>Elis Rosliza @ Zeti Atikah Bt Mohd Adzmi</b> Institute for Research in Molecular Medicine (INFORMM) <a href="mailto:elis@usm.my">elis@usm.my</a></p>	<p>- Breast Cancer Studies (Pd-L1), Cell Culture (Breast Cancer), Cell Line Protein Work, Bacterial Culture, Pcr, Immunohistochemistry (Ihc), Iso 13485 (Medical Devices)</p>	<p>- Study Of Pd-L1 In Breast Cancer Tissues Using Ihc Technique. - Antibody Study In Breast Cancer Tissues - Antibody Study In Breast Cancer Cell Lines - Breast Cancer Study For Diagnostic Purposes</p>	<p><a href="https://experts.usm.my/cv/tae/elis">https://experts.usm.my/cv/tae/elis</a></p>
<p>10. <b>Hafiz Gadafi Abdul Aziz</b> School of Chemical Engineering <a href="mailto:chafiz@usm.my">chafiz@usm.my</a></p>	<p>- Reaction kinetics, polymer architecture</p>	<p>- Reaction kinetics, polymer architecture</p>	<p><a href="https://staffusm-my.sharepoint.com/:w/g/personal/chafiz_usm_my/EeYIpWtf8JpLn1T2KAyzaiYBd4QV1y3SqS9L2Xy4jh9NXA?e=txCAqU">https://staffusm-my.sharepoint.com/:w/g/personal/chafiz_usm_my/EeYIpWtf8JpLn1T2KAyzaiYBd4QV1y3SqS9L2Xy4jh9NXA?e=txCAqU</a></p>

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<b>11. Junaidah Binti Abdullah</b> River Engineering and Urban Drainage Research Centre (REDAC)  <a href="mailto:junaidahabdullah@usm.my">junaidahabdullah@usm.my</a>	<ul style="list-style-type: none"><li>- Urban Drainage Management, River Management, and Hydro informatics. Actively involved in Computational Fluid Dynamics (CFD), Geographic Information Systems (GIS) in Hydrology, Water Quality Modelling and and Hydrological and Hydraulic Modelling for Urban Drainage.</li></ul>	<ul style="list-style-type: none"><li>- Urban Drainage Management, River Management, and Hydro informatics. Actively involved in Computational Fluid Dynamics (CFD), Geographic Information Systems (GIS) in Hydrology, Water Quality Modelling and and Hydrological and Hydraulic Modelling for Urban Drainage.</li></ul>	<a href="https://docs.google.com/document/d/1oqJvtfMGiatlv_yqVOCIxVytUyt-1kg/edit?usp=sharing&amp;ouid=114274015985663483116&amp;rtpof=true&amp;sd=true">https://docs.google.com/document/d/1oqJvtfMGiatlv_yqVOCIxVytUyt-1kg/edit?usp=sharing&amp;ouid=114274015985663483116&amp;rtpof=true&amp;sd=true</a>
<b>12. Khairu Anuar Bin Mohamed Zain</b> Collaborative Microelectronic Design Excellence Center (CEDEC)  <a href="mailto:anuar@usm.my">anuar@usm.my</a>	<ul style="list-style-type: none"><li>- Digital IC design</li><li>- ASIC design</li><li>- Embedded systems design</li></ul>	<ul style="list-style-type: none"><li>- Artificial intelligence Sensors</li></ul>	<a href="https://cedec.usm.my/index.php/staff-directory/research-staff">https://cedec.usm.my/index.php/staff-directory/research-staff</a>
<b>13. Khalid Bin Ahmad</b> School of Housing, Building and Planning  <a href="mailto:khalid_ahmad@usm.my">khalid_ahmad@usm.my</a>	<ul style="list-style-type: none"><li>- Fresh Concrete Test</li><li>- Hardened Concrete Test</li><li>- Concrete Raw Material Test</li><li>- Construction Material Test</li><li>- Metallurgical</li></ul>	<ul style="list-style-type: none"><li>- Polyurethane For Road Flood Damage Control Contribution of Pofa-Foamed Concrete Blocks To The Reduction of Energy Consumption In Buildings</li></ul>	<a href="https://drive.google.com/file/d/181v9FNXut6EeMOi92DMxR44TmJcFjXIe/view?usp=drive_link">https://drive.google.com/file/d/181v9FNXut6EeMOi92DMxR44TmJcFjXIe/view?usp=drive_link</a>
<b>14. Lau Nyok Sean</b> Centre for Chemical Biology (CCB)  <a href="mailto:nyoksean@usm.my">nyoksean@usm.my</a>	<ul style="list-style-type: none"><li>- Omics,</li><li>- Genomics,</li><li>- Metagenomics,</li><li>- Transcriptomics</li></ul>	<ul style="list-style-type: none"><li>- Genomic and comparative genomics analyses of fish and crustacean</li><li>- Metagenomic analyses of environmental DNA from mangrove and lake.</li></ul>	<a href="https://staffusm-my.sharepoint.com/:w/g/personal/nyoksean_usm_my/EWa1VYJ6Jh9FtPpiPy1wsSoB1jP7938-10RYuKYlqf3LpA?e=ydjrlI">https://staffusm-my.sharepoint.com/:w/g/personal/nyoksean_usm_my/EWa1VYJ6Jh9FtPpiPy1wsSoB1jP7938-10RYuKYlqf3LpA?e=ydjrlI</a>

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<b>15. Manorenjitha Malar A/P Sivanathan</b> School of Biological Sciences  <a href="mailto:manorenjitha@usm.my">manorenjitha@usm.my</a>	<ul style="list-style-type: none"><li>- Medical Entomology,</li><li>- Vector Control,</li><li>- Botany,</li><li>- Zoology</li></ul>	<ul style="list-style-type: none"><li>- Mosquito control using natural products.</li><li>- Plant extraction and phytochemicals analysis.</li></ul>	<a href="https://docs.google.com/document/d/1d1I3i-D9hqz0xMLa0e_jyGGNRwNTZNap/edit?usp=drive_link&amp;ouid=109348362282288223590&amp;rtpof=true&amp;sd=true">https://docs.google.com/document/d/1d1I3i-D9hqz0xMLa0e_jyGGNRwNTZNap/edit?usp=drive_link&amp;ouid=109348362282288223590&amp;rtpof=true&amp;sd=true</a>
<b>16. Mohamad Ezany Bin Yusoff</b> School Of Dental Sciences  <a href="mailto:ezany@usm.my">ezany@usm.my</a>	<ul style="list-style-type: none"><li>- Oral Microbiology</li></ul>	<ul style="list-style-type: none"><li>- Antibacterial Sentitivity Testing</li><li>- Natural Products</li><li>- Antibacterial Activities of Natural Products</li><li>- Cell cytotoxicity analysis</li><li>- Cell development</li></ul>	<a href="https://docs.google.com/document/d/1TyuTBV5FkkjLd_Ug4DqNGh79j1BQToLJDnDA5-86d_Q/edit?usp=sharing">https://docs.google.com/document/d/1TyuTBV5FkkjLd_Ug4DqNGh79j1BQToLJDnDA5-86d_Q/edit?usp=sharing</a>
<b>17. Mohamad Faiz Bin Mohamed Omar</b> Collaborative Microelectronic Design Excellence Center (CEDEC)  <a href="mailto:faiz_omar@usm.my">faiz_omar@usm.my</a>	<ul style="list-style-type: none"><li>- simulation and design of high RF</li><li>- high-power devices,</li><li>- microwave tomography,</li><li>- digital image processing.</li></ul>	<ul style="list-style-type: none"><li>- RF ANTENNA</li><li>- 5G Wireless Communication</li><li>- 6G Wireless Communication</li><li>- Flexible Technology System</li><li>- Image Processing</li></ul>	<a href="https://scholar.google.com/citations?user=8fk02-QAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=8fk02-QAAAAJ&amp;hl=en&amp;oi=ao</a>
<b>18. Mohamad Nazir Abdullah</b> School of Electrical and Electronic Engineering  <a href="mailto:emnazir@usm.my">emnazir@usm.my</a>	<ul style="list-style-type: none"><li>- Electronic Power</li><li>- Energy Conversion</li><li>- Arduino Controller</li></ul>	<ul style="list-style-type: none"><li>- Elektronik Kuasa, Penukaran Tenaga</li></ul>	-

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<b>19. Mohd Anas Bin Ahmad</b> Institute of Nano Optoelectronics Research and Technology (INOR)  <a href="mailto:anasahmad@usm.my">anasahmad@usm.my</a>	<ul style="list-style-type: none"><li>- Material growth using Metal Organics Chemical Vapour Deposition (MOCVD) system, characterization, and fabrication of optoelectronic and electronic devices based on III-nitrides and other semiconductor materials.</li></ul>	<ul style="list-style-type: none"><li>- MOCVD Growth of III-Nitride for Optoelectronics Application</li><li>- MOCVD Growth of III-Nitride for Power Devices Application</li><li>- Semiconductor Chip Fabrication</li></ul>	<a href="https://staffusm-my.sharepoint.com/:w:/g/personal/anasahmad_usm_my/EWvCUAE11jxFkBqFnk8C6s8B71xPRGh1XQg4FsxMGOFCXA?e=k3pgGA">https://staffusm-my.sharepoint.com/:w:/g/personal/anasahmad_usm_my/EWvCUAE11jxFkBqFnk8C6s8B71xPRGh1XQg4FsxMGOFCXA?e=k3pgGA</a>
<b>20. Mohd Khairul Nizam Bin Mazlan</b> School of Pharmaceutical Sciences  <a href="mailto:khairulnizamkmk@usm.my">khairulnizamkmk@usm.my</a>	<ul style="list-style-type: none"><li>- Analytical Chemistry by using HPLC &amp; HPTLC</li><li>- Herbal Standardization</li></ul>	<ul style="list-style-type: none"><li>- Analytical Chemistry</li><li>- Herbal Standardization</li></ul>	<a href="https://1drv.ms/w/s!ApXVPC479qeJ3k_9Ip7KIYERZri7">https://1drv.ms/w/s!ApXVPC479qeJ3k_9Ip7KIYERZri7</a>
<b>21. Mohd Mustaqim Bin Rosli</b> School of Physics  <a href="mailto:mustaqim@usm.my">mustaqim@usm.my</a>	<ul style="list-style-type: none"><li>- X-ray Crystallography</li></ul>	<ul style="list-style-type: none"><li>- X-ray Structure Determination</li><li>- Organic Electronics</li></ul>	<a href="https://www.scopus.com/authorid/detail.uri?authorId=57216561044">https://www.scopus.com/authorid/detail.uri?authorId=57216561044</a>
<b>22. Mohd Nadzri Mamat</b> School of Electrical and Electronic Engineering  <a href="mailto:eenadzri@usm.my">eenadzri@usm.my</a>	<ul style="list-style-type: none"><li>- Electrical Power</li><li>- Renewable energy</li><li>- Power system</li></ul>	<ul style="list-style-type: none"><li>- DC/DC Energy Conversion</li><li>- Power Quality in Electrical System</li><li>- Control Strategy in Energy Conversion</li><li>- Solar Photovoltaic Applied Technology</li></ul>	<a href="https://experts.usm.my/cv/tae/eenadzri">https://experts.usm.my/cv/tae/eenadzri</a>

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<p><b>23. Mohd Zharif Bin Ahmad Thirmizir</b>                      Science &amp; Engineering Reseach Center (SERC)</p> <p><a href="mailto:zharif@usm.my">zharif@usm.my</a></p>	<ul style="list-style-type: none"> <li>- Polymer blends</li> <li>- Biodegradable polymers</li> <li>- Biocomposites</li> <li>- Lignocellulosic based fibre composites</li> <li>- Nanocomposites</li> <li>- Electron microscopy analysis</li> <li>- Transmission electron microscopy analysis</li> <li>- Scanning electron microscopy analysis</li> </ul>	<ul style="list-style-type: none"> <li>- Polymer blends and alloys</li> <li>- Lignocellulosic fiber – polymer composites</li> <li>- Nanocomposites</li> <li>- Biodegradable polymers</li> <li>- Composites for structutral application</li> </ul>	-
<p><b>24. Muhamad Nurfasya Alias</b>                      River Engineering and Urban Drainage Research Centre (REDAC)</p> <p><a href="mailto:redacfasya@usm.my">redacfasya@usm.my</a></p>	<ul style="list-style-type: none"> <li>- Hydrological and hydraulic computer modeller for urban drainage.</li> </ul>	<ul style="list-style-type: none"> <li>- Urban Drainage Management</li> <li>- Sustainable Urban Drainage Management</li> <li>- River Management</li> <li>- Green Infrastructure</li> <li>- Bio-engineering Techniques</li> </ul>	<p><a href="https://drive.google.com/file/d/197Hihlm07aMnWrgbkZA_h4yLzqpIqkULY/view?usp=sharing">https://drive.google.com/file/d/197Hihlm07aMnWrgbkZA_h4yLzqpIqkULY/view?usp=sharing</a></p>
<p><b>25. Muhammad Azwan Nasirudin</b>                      School of Aerospace Engineering</p> <p><a href="mailto:m.azwan@usm.my">m.azwan@usm.my</a></p>	<ul style="list-style-type: none"> <li>- Integrated System in Aerospace Technology</li> </ul>	<ul style="list-style-type: none"> <li>- Wireless Sensor Network (WSN) – IoT solution in Environmental and Smart-farming.</li> <li>- Mobile robotics for aerial surveillance &amp; inspection (manned and autonomous-AI)</li> <li>- Acoustic signal processing &amp; reproduction for public adress &amp; broadcasting system.</li> <li>- SCADA satellite link system for unmanned monitoring and automation.</li> </ul>	-



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<b>26. Muhammad Fazli Bin Khalid</b> Institute for Research in Molecular Medicine (INFORMM)  <a href="mailto:fazlikhalid@usm.my">fazlikhalid@usm.my</a>	<ul style="list-style-type: none"><li>- Molecular biology</li><li>- Diagnostic</li></ul>	<ul style="list-style-type: none"><li>- Loop-mediated isothermal amplification of infectious diseases</li><li>- Development of lateral flow assay for the detection of infectious diseases</li><li>- Gene expression of resistance gene</li><li>- Molecular diagnostics detection of infectious diseases</li></ul>	<a href="https://experts.usm.my/cv/tae/fazlikhalid">https://experts.usm.my/cv/tae/fazlikhalid</a>
<b>27. Muhammad Hafiznur Bin Yunus</b> Institute for Research in Molecular Medicine (INFORMM)  <a href="mailto:hafiznur@usm.my">hafiznur@usm.my</a>	<ul style="list-style-type: none"><li>- Rapid diagnosis: electrochemical biosensor/lateral flow immunoassay</li></ul>	<ul style="list-style-type: none"><li>- Electrochemical biosensor</li><li>- Lateral flow rapid assay</li></ul>	<a href="https://shorturl.at/dkDJL">https://shorturl.at/dkDJL</a>
<b>28. Muhammad Zaki Bin Mohd Kasim</b> River Engineering and Urban Drainage Research Centre (REDAC)  <a href="mailto:redaczaki@usm.my">redaczaki@usm.my</a>	<ul style="list-style-type: none"><li>- Urban Drainage Management using InfoWorks CS.</li></ul>	<ul style="list-style-type: none"><li>- Urban Drainage Management</li><li>- River Management</li><li>- Hydroinformatics</li><li>- Environmental Hydraulic Management</li></ul>	<a href="https://drive.google.com/file/d/1quMMPI9cv4weuccXfLgBTXDxWsUPLFrA/view?usp=sharing">https://drive.google.com/file/d/1quMMPI9cv4weuccXfLgBTXDxWsUPLFrA/view?usp=sharing</a>
<b>29. Nik Akmar Bin Rejab</b> School of Materials & Mineral Resources Engineering  <a href="mailto:akmarnik@usm.my">akmarnik@usm.my</a>	<ul style="list-style-type: none"><li>- Materials science and engineering</li></ul>	<ul style="list-style-type: none"><li>- Ceramic &amp; Polymer Composites</li></ul>	<a href="https://www.scopus.com/authorid/detail.uri?authorId=35759164100">https://www.scopus.com/authorid/detail.uri?authorId=35759164100</a>



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<b>30. Nizuwan Bin Azman</b> Advanced Medical and Dental Institute (AMDI)  <a href="mailto:nizuwan@usm.my">nizuwan@usm.my</a>	<ul style="list-style-type: none"><li>- Applied Statistics</li><li>- Biostatistics</li><li>- Experimental Design and Analysis</li><li>- Survival and Reliability Analysis</li><li>- Epidemiology</li></ul>	<ul style="list-style-type: none"><li>- Research on unmet supportive care needs</li><li>- Research on social surveys</li></ul>	<a href="https://experts.usm.my/cv/path/NDc1Y2MxMDFhZjVhODUONzVlYWwMTB1NmY2YzFmZWExOWMwMGQ2MmViMjA2MmEyNDMxYWYyZGEzMGQ4NmMwMTJlODc2NmMzZDRhZGYxMGYwOWQ4OTZhY2VkYzQ4ZGF1ZTdiNjAyODc5MzBmYzk3NGY1MmNmZjMzJmOGViYTQyMThTMm94MF1jUUJlVjV1NjVlZjZ3BmbDNyUGpEZ3NCQmIyclpQYjlx3BpN29zPQ==/1">https://experts.usm.my/cv/path/NDc1Y2MxMDFhZjVhODUONzVlYWwMTB1NmY2YzFmZWExOWMwMGQ2MmViMjA2MmEyNDMxYWYyZGEzMGQ4NmMwMTJlODc2NmMzZDRhZGYxMGYwOWQ4OTZhY2VkYzQ4ZGF1ZTdiNjAyODc5MzBmYzk3NGY1MmNmZjMzJmOGViYTQyMThTMm94MF1jUUJlVjV1NjVlZjZ3BmbDNyUGpEZ3NCQmIyclpQYjlx3BpN29zPQ==/1</a>
<b>31. Noor Afiza Binti Abdul Rani</b> National Poison Centre  <a href="mailto:noor_afiza@usm.my">noor_afiza@usm.my</a>	<ul style="list-style-type: none"><li>- Public health</li></ul>	<ul style="list-style-type: none"><li>- Public health</li></ul>	-
<b>32. Noor Hamizah Binti Abu Hassan</b> Centre for Global Archaeological Research  <a href="mailto:hamizahassan@usm.my">hamizahassan@usm.my</a>	<ul style="list-style-type: none"><li>- Archeology, Elemental Analysis</li></ul>	<ul style="list-style-type: none"><li>- Archaeology, Elemental Analysis, Geophysical Study, Phylogenetics Study</li></ul>	<a href="https://rb.gy/tpoei">https://rb.gy/tpoei</a>

## RESEARCH OFFICER (SCHEME Q)

Research Officer (Q)	Expertise	Research Interest	CV Link
<b>33. Noorizan Binti Miswan</b> Centre for Chemical Biology (CCB)  <a href="mailto:noorizan_miswan@usm.my">noorizan_miswan@usm.my</a>	<ul style="list-style-type: none"><li>- Molecular Diagnostics</li><li>- Cell Culture, Parasitology Clinical</li><li>- Nanomaterials</li></ul>	<ul style="list-style-type: none"><li>- Detection of Infection Diseases</li><li>- Environment sensing</li><li>- Fish disease detection</li></ul>	<a href="https://staffusm-my.sharepoint.com/:b:/g/personal/noorizan_miswan_usm_my/ETnEKS0YKERAppwvAaLvHkQB5y_mQvjpKItrh0UTh5Rcg?e=Y6NzCt">https://staffusm-my.sharepoint.com/:b:/g/personal/noorizan_miswan_usm_my/ETnEKS0YKERAppwvAaLvHkQB5y_mQvjpKItrh0UTh5Rcg?e=Y6NzCt</a>
<b>34. Noorul Hamizah Binti Mat</b> Centre for Drug Research  <a href="mailto:hamizah.mat@usm.my">hamizah.mat@usm.my</a>	<ul style="list-style-type: none"><li>- Neurobehaviour</li><li>- Behavioural Neuroscience</li><li>- Physiology</li><li>- Biological Science</li><li>- Pain behaviour</li></ul>	<ul style="list-style-type: none"><li>- Pain study, Pain behaviour, Neurobehaviour, Neurophysiology, TRPV1 receptor</li></ul>	<a href="https://experts.usm.my/cv/tae/hamizah.mat">https://experts.usm.my/cv/tae/hamizah.mat</a>
<b>35. Nor Ariza Azizan</b> River Engineering and Urban Drainage Research Centre (REDAC)  <a href="mailto:ariza_azizan@usm.my">ariza_azizan@usm.my</a>	<ul style="list-style-type: none"><li>- Environmental Sciences (Water Pollution), Wastewater Treatment, Nature-based Solution</li></ul>	<ul style="list-style-type: none"><li>- Constructed Wetland, Bioretention, Phytoremediation, Water Quality, Stormwater and Wastewater Treatment</li></ul>	<a href="https://staffusm-my.sharepoint.com/:w:/g/personal/ariza_azizan_usm_my/EeINV6arbQhKm2-8SZ0Zz-cBi9HGidQnrKuMraxno7R_Q?e=o6kckq">https://staffusm-my.sharepoint.com/:w:/g/personal/ariza_azizan_usm_my/EeINV6arbQhKm2-8SZ0Zz-cBi9HGidQnrKuMraxno7R_Q?e=o6kckq</a>
<b>36. Nor Azura Binti Azami</b> Centre for Chemical Biology (CCB)  <a href="mailto:norazuraazami@usm.my">norazuraazami@usm.my</a>	<ul style="list-style-type: none"><li>- Microbiology</li><li>- Molecular biology</li></ul>	<ul style="list-style-type: none"><li>- Microbiology, Molecular Biology, Structural Biology, Biotechnology, Bioinformatics</li></ul>	<a href="https://www.canva.com/design/DAFpDbRJbw0/Xydg1G0bC5u9mXwwuZfOGg/view?utm_content=DAFpDbRJbw0&amp;utm_campaign=designshare&amp;utm_medium=link&amp;utm_source=publishsharelink">https://www.canva.com/design/DAFpDbRJbw0/Xydg1G0bC5u9mXwwuZfOGg/view?utm_content=DAFpDbRJbw0&amp;utm_campaign=designshare&amp;utm_medium=link&amp;utm_source=publishsharelink</a>

## RESEARCH OFFICER (SCHEME Q)

Research Officer (Q)	Expertise	Research Interest	CV Link
<b>37. Nor Dyana Zakaria</b> Institute for Research in Molecular Medicine (INFORMM)  <a href="mailto:nordyana@usm.my">nordyana@usm.my</a>	- Chemistry and Nanotechnology	<ul style="list-style-type: none"> <li>- Synthesis of nanoparticles for biomedical applications including drug delivery systems and diagnostic applications.</li> <li>- Development of gold nanoparticles and its conjugation for labeling on lateral flow immunoassay</li> <li>- Electrochemistry for biosensors application and surface modification</li> </ul>	<a href="https://staffusm-my.sharepoint.com/:b:/g/personal/nordyana_usm_my/EYB_a-yk848JLirJzkWSYsHEBvS1rDqcqOOG7GvzmVRzMYQ?e=rPWCiw">https://staffusm-my.sharepoint.com/:b:/g/personal/nordyana_usm_my/EYB_a-yk848JLirJzkWSYsHEBvS1rDqcqOOG7GvzmVRzMYQ?e=rPWCiw</a>
<b>38. Nor Habsah Binti Md Sabiani</b> School of Civil Engineering  <a href="mailto:cenoor@usm.my">cenoor@usm.my</a>	- Environmental Engineering: Solid Waste Management – Treatment & Waste To Wealth Wastewater Treatment Water Treatment	<ul style="list-style-type: none"> <li>- Anaerobic Digestion Of Solid Waste Composting</li> <li>- Processing Waste To Beneficial Product</li> </ul>	-
<b>39. Nor Irwin Bin Basir</b> School of Chemical Engineering  <a href="mailto:chirwin@usm.my">chirwin@usm.my</a>	- Developing and optimizing catalytic processes, studying materials for energy storage in particular lithium ion batteries and exploring sustainable energy solutions and engineering education within the domain of chemical engineering.	<ul style="list-style-type: none"> <li>- Chemical Engineering, Electrochemical Storage, Energy, Catalysis, Engineering Education</li> </ul>	<a href="https://scholar.google.com/citations?user=9JnEQUAAAAJ&amp;hl=en">scholar.google.com/citations?user=9JnEQUAAAAJ&amp;hl=en</a>
<b>40. Nor Shazleen Ab Shukor</b> School of Health Sciences  <a href="mailto:shazleen@usm.my">shazleen@usm.my</a>	- Brachytherapy, Radiation Dosimetry, Radiotherapy	<ul style="list-style-type: none"> <li>- Dosimetry in intracavitary cancer Brachytherapy treatment</li> <li>- Development of phantom material study for radiation therapy treatment</li> <li>- Radiobiology</li> <li>- Biomaterial</li> </ul>	<a href="https://staffusm-my.sharepoint.com/:b:/g/personal/shazleen_usm_my/ERTORzGT5mRInxTfk-ZDTXwBitcXTiUGOxG1pUInZA4vcw?e=i7iRxF">https://staffusm-my.sharepoint.com/:b:/g/personal/shazleen_usm_my/ERTORzGT5mRInxTfk-ZDTXwBitcXTiUGOxG1pUInZA4vcw?e=i7iRxF</a>

## RESEARCH OFFICER (SCHEME Q)

Research Officer (Q)	Expertise	Research Interest	CV Link
<p><b>41. Nor Suhada Anuar</b> Institute for Research in Molecular Medicine (INFORMM)</p> <p><a href="mailto:norsuhada@usm.my">norsuhada@usm.my</a></p>	<ul style="list-style-type: none"> <li>- Rapid Diagnostics, Medical Microbiology, Molecular Biology</li> </ul>	<ul style="list-style-type: none"> <li>- Lateral Flow Immunoassay Development, Molecular Biology of Infectious Disease, Diagnostics</li> </ul>	<p><a href="https://drive.google.com/file/d/1gRyJDQ6dIxUSTT0nmjxwcR-6iWKeUC6/view?usp=drive_link">https://drive.google.com/file/d/1gRyJDQ6dIxUSTT0nmjxwcR-6iWKeUC6/view?usp=drive_link</a></p>
<p><b>42. Norliana Ghazali</b> School Of Dental Sciences</p> <p><a href="mailto:norliana@usm.my">norliana@usm.my</a></p>	<ul style="list-style-type: none"> <li>- Developmental genetics, Molecular genetics, Human Genetics,</li> </ul>	<ul style="list-style-type: none"> <li>- Genetics of craniofacial development and dental malformation, pharmaceutical science research</li> </ul>	<p><a href="https://staffusm-my.sharepoint.com/:b:/g/personal/norliana_usm_my/Ea2HboaX7ThGktH3RjJAOhkBM1sh5wiR6vAIQAaq_QFOJw?e=050eg0">https://staffusm-my.sharepoint.com/:b:/g/personal/norliana_usm_my/Ea2HboaX7ThGktH3RjJAOhkBM1sh5wiR6vAIQAaq_QFOJw?e=050eg0</a></p>
<p><b>43. Nur Atiqah Binti Hamzah</b> Institute of Nano Optoelectronics Research and Technology (INOR)</p> <p><a href="mailto:atiqahhamzah@usm.my">atiqahhamzah@usm.my</a></p>	<ul style="list-style-type: none"> <li>- Epitaxy growth of III-V semiconductor material using Metal Organic Chemical Vapor Deposition (MOCVD) system.</li> <li>- Fabrication and Characterization of Light Emitting Diode (LED) using E-Beam Metal and E-Beam Metal oxide, Inductive Couple Plasma Reactive Ion Etching (ICP-RIE), Rapid Thermal Annealing (RTP), UV Ozone Cleaner and lithography process.</li> <li>- Materials Characterization using Electroluminescence, High Resolution X-Ray Diffraction (HR-XRD), Atomic Force Microscopy (AFM), Hall Effect</li> </ul>	<ul style="list-style-type: none"> <li>- Epitaxy growth of III-V Semiconductor Material, Fabrication and Material Characterization, Thin Films</li> </ul>	<p><a href="https://staffusm-my.sharepoint.com/:f:/g/personal/atiqahhamzah_usm_my/Es3SptegX-hMi681V0spIsoBVpKEYyBO-SIgROPZeFBDkw?e=aRiTsw">https://staffusm-my.sharepoint.com/:f:/g/personal/atiqahhamzah_usm_my/Es3SptegX-hMi681V0spIsoBVpKEYyBO-SIgROPZeFBDkw?e=aRiTsw</a></p>

## RESEARCH OFFICER (SCHEME Q)

Research Officer (Q)	Expertise	Research Interest	CV Link
	Measurement and Ultraviolet - visible spectrophotometry (UV - Vis).		
44. Nur Azeelah Binti Abdullah School of Health Sciences  <a href="mailto:azeelah@usm.my">azeelah@usm.my</a>	- DNA Profiling - Forensic Science	- Application Of Forensic Science In DNA Profiling - DNA Population Database	<a href="https://drive.google.com/file/d/1zvPtTDhGx7BdCFKxrjhRIyclU2vcBZJj/view?usp=sharing">https://drive.google.com/file/d/1zvPtTDhGx7BdCFKxrjhRIyclU2vcBZJj/view?usp=sharing</a>
45. Nur Aziah Binti Hanapi Centre for Drug Research  <a href="mailto:aziah.hanapi@usm.my">aziah.hanapi@usm.my</a>	- Blood-brain barrier	- Blood-brain barrier	<a href="https://experts.usm.my/cv/tae/aziah.hanapi">https://experts.usm.my/cv/tae/aziah.hanapi</a>
46. Nur Ezzah Abdul Kahar Science & Engineering Reseach Center (SERC)  <a href="mailto:ezzahkahar@usm.my">ezzahkahar@usm.my</a>	- Amine functionalization for immobilization enzyme support with multiwalled carbon nanotubes	- Enzyme immobilization - Adsorption - Nanotechnology/Nanomaterials	<a href="https://experts.usm.my/cv/tae/ezzahkahar">https://experts.usm.my/cv/tae/ezzahkahar</a>
47. Nurdianah Harif Fadzilah Advanced Medical and Dental Institute (AMDI)  <a href="mailto:nurdianaharif@usm.my">nurdianaharif@usm.my</a>	- Biological sciences	- Epigenetics, Molecular Genetics, Natural Product	<a href="https://www.scopus.com/authorid/detail.uri?authorId=57120109900">https://www.scopus.com/authorid/detail.uri?authorId=57120109900</a>

## RESEARCH OFFICER (SCHEME Q)

Research Officer (Q)	Expertise	Research Interest	CV Link
<b>48. Nurfaten Hamzah</b> School of Medical Sciences  <a href="mailto:nurfaten@usm.my">nurfaten@usm.my</a>	- Statistic	- Stroke care - Statistical modelling	<a href="https://www.researchgate.net/profile/Nurfaten-Hamzah">https://www.researchgate.net/profile/Nurfaten-Hamzah</a>
<b>49. Nurul Jannah Binti Ambak</b> School of Medical Sciences  <a href="mailto:nurjanna@usm.my">nurjanna@usm.my</a>	- Medical Statistics - Applied Statistics-Multivariate Analysis	- Medical Statistics - Quantitative Study - Currently Doing Research On Topic: - Kap Breastfeeding Of Orang Asli - Nutrition Lifestyle Transition On Human Milk Composition Of The Orang Asli - Focal Segmental Glomerulosclerosis Among Paediatrics Patients - Diabetic Ketoacidosis Among Paediatrics	<a href="https://experts.usm.my/cv/path/OTAxMTRiMDQxZjUyNzEONDgxYzYxYTM1MzJkMTY1OTQyMjY5YTd1NjIxMjk0ZTM3Mzc1MTIhMzlhZTYyMzExNzJmZTA1OTVmYzkyNTdhZDcxMTY0ZjkzNzRjMmU4YTEyYzgxNzExMDYyNTZkYjYzZWY4YjUwZDEyZjdjNmMwNmIyMGxsYWpzemJlUWdtQ1FEVnRueEE1UjRTNGJETOJlMOZQbnNjYkpwMjFZPQ==/1">https://experts.usm.my/cv/path/OTAxMTRiMDQxZjUyNzEONDgxYzYxYTM1MzJkMTY1OTQyMjY5YTd1NjIxMjk0ZTM3Mzc1MTIhMzlhZTYyMzExNzJmZTA1OTVmYzkyNTdhZDcxMTY0ZjkzNzRjMmU4YTEyYzgxNzExMDYyNTZkYjYzZWY4YjUwZDEyZjdjNmMwNmIyMGxsYWpzemJlUWdtQ1FEVnRueEE1UjRTNGJETOJlMOZQbnNjYkpwMjFZPQ==/1</a>
<b>50. Rafidah Binti Ahmad</b> Collaborative Microelectronic Design Excellence Center (CEDEC)  <a href="mailto:rafidah.ahmad@usm.my">rafidah.ahmad@usm.my</a>	- Electrical & Electronic Engineering - Wireless & Mobile System; FPGA & ASIC design	- Digital integrated circuit design - Hardware description language coding - Wireless and mobile system	<a href="https://www.researchgate.net/profile/Rafidah-Ahmad-3">https://www.researchgate.net/profile/Rafidah-Ahmad-3</a>

## RESEARCH OFFICER (SCHEME Q)

Research Officer (Q)	Expertise	Research Interest	CV Link
<b>51. Rahil Izzati Mohd Asri</b> Institute of Nano Optoelectronics Research and Technology (INOR)  <a href="mailto:rahilizzati@usm.my">rahilizzati@usm.my</a>	<ul style="list-style-type: none"><li>- Epitaxy Growth, Fabrication and Characterization of III-IV Semiconductor Materials, Thin Films</li></ul>	<ul style="list-style-type: none"><li>- Epitaxy Growth of GaN based LED</li><li>- Fabrication and characterization of GaN based LED</li></ul>	<a href="https://staffusm-my.sharepoint.com/:b:/g/personal/rahilizzati_usm_my/ET2FyIP16gRKnfMWfvrgSdMBVTJrPooS4W9Qts7cZteC2w?e=64Dful">https://staffusm-my.sharepoint.com/:b:/g/personal/rahilizzati_usm_my/ET2FyIP16gRKnfMWfvrgSdMBVTJrPooS4W9Qts7cZteC2w?e=64Dful</a>
<b>52. Roslan Bin Kamarudin</b> School of Mechanical Engineering  <a href="mailto:roslan_k@usm.my">roslan_k@usm.my</a>	<ul style="list-style-type: none"><li>- Electronic packaging,</li><li>- thermodynamic,</li><li>- heat transfer,</li><li>- energy,</li><li>- simulation</li></ul>	<ul style="list-style-type: none"><li>- Light Emitting Diodes, Electronics Packaging, Energy, Thermal Interface Material.</li></ul>	-
<b>53. Rosliza Binti Ahmad</b> School of Pharmaceutical Sciences  <a href="mailto:rosliza_ahmad@usm.my">rosliza_ahmad@usm.my</a>	<ul style="list-style-type: none"><li>- Herbal Chemical Fingerprinting via chromatography and spectroscopy technique. Herbal standardization and quality control. Development of Monograf Herba Malaysia &amp; Herbal Pharmacopeia. Extraction, fractionation, and compound isolation for herbal plants.</li></ul>	<ul style="list-style-type: none"><li>- Alpha-amylase assay and chemical fingerprinting of herbal plants.</li><li>- Real-time stability study of herbal products.</li><li>- Bio-guided assay for herbal plants using anti-cholinesterase study.</li><li>- Accelerated solvent extraction and phytochemical analysis based on response surface methodology.</li><li>- Development of herbal pharmacopeia and herbal standardization</li></ul>	<a href="https://staffusm-my.sharepoint.com/:b:/g/personal/rosliza_ahmad_usm_my/Ec71SnSAPvBMiYNY107AYFsB7S9uAiKSJb6KByc5nGmmA?e=65CQaU">https://staffusm-my.sharepoint.com/:b:/g/personal/rosliza_ahmad_usm_my/Ec71SnSAPvBMiYNY107AYFsB7S9uAiKSJb6KByc5nGmmA?e=65CQaU</a>



## RESEARCH OFFICER (SCHEME Q)

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<b>54. Shafida Azwina Mohd Shafie</b> School of Civil Engineering  <a href="mailto:shafidaazwina@usm.my">shafidaazwina@usm.my</a>	- Transportation And Traffic Engineering	- Trip Generation, Traffic Impact Assessment, Vehicle Occupancy, Motorcyclists Behavior, Transportation And Traffic Engineering	<a href="https://experts.usm.my/cv/tae/shafidaazwina">https://experts.usm.my/cv/tae/shafidaazwina</a>
<b>55. Sharifah Nurlaili Farhana Syed Azhar</b> Centre For Global Sustainability Studies (CGSS)  <a href="mailto:sh.nurlaili@usm.my">sh.nurlaili@usm.my</a>	- Sustainable Development, Environmental Engineering, Environmental Technology	- Sustainable Development, Education for Sustainable Development	<a href="https://experts.usm.my/cv/path/YTU3YmZhOTY4MGnkODk5YjhIZTY1YmNjNjFmNDFiOGQyMGRlZjBIZGMzMjh1YzI4ZDYOMjJhODRlYmQOYTnmMzMxNWNkNzhjMDlkMThhZjQyZjlkYWQwZGVmOWIwN2QyZjMyNDYzM2I2YmNmOTA4YmZmYmJhZWYwYTE4YjBkZDVUK3NIQTd1MlFhRWQvcmxMYOtZWEhHR1dIdWF1a3NMT0V0dWg3aGpnTEZ3PQ==/1">https://experts.usm.my/cv/path/YTU3YmZhOTY4MGnkODk5YjhIZTY1YmNjNjFmNDFiOGQyMGRlZjBIZGMzMjh1YzI4ZDYOMjJhODRlYmQOYTnmMzMxNWNkNzhjMDlkMThhZjQyZjlkYWQwZGVmOWIwN2QyZjMyNDYzM2I2YmNmOTA4YmZmYmJhZWYwYTE4YjBkZDVUK3NIQTd1MlFhRWQvcmxMYOtZWEhHR1dIdWF1a3NMT0V0dWg3aGpnTEZ3PQ==/1</a>
<b>56. Shukri Bin Korakkottil Kunhi Mohd</b> Collaborative Microelectronic Design Excellence Center (CEDEC)  <a href="mailto:shukri.mohd@usm.my">shukri.mohd@usm.my</a>	- Analogue integrated circuit (IC)	- His research interests are CMOS image sensor, switched-capacitor, analogue, and mixed-signal design.	<a href="https://staffusm-my.sharepoint.com/:b:/g/personal/shukri_mohd_usm_my/EQDQE9zFDE1Fr3l0qgTPytoBivyBAxjyYz9wF5T5VPzCA?e=Jclx9l">https://staffusm-my.sharepoint.com/:b:/g/personal/shukri_mohd_usm_my/EQDQE9zFDE1Fr3l0qgTPytoBivyBAxjyYz9wF5T5VPzCA?e=Jclx9l</a>

## RESEARCH OFFICER (SCHEME Q)

Research Officer (Q)	Expertise	Research Interest	CV Link
<b>57. Siti Aminah Ahmed</b> Advanced Medical and Dental Institute (AMDI)  <a href="mailto:asiti2000@usm.my">asiti2000@usm.my</a>	- Molecular biology and medical biotechnology	- Infectious diseases, halal research	<a href="https://experts.usm.my/cv/tae/asiti2000">https://experts.usm.my/cv/tae/asiti2000</a>
<b>58. Siti Fairuz Binti Juiani</b> River Engineering and Urban Drainage Research Centre (REDAC)  <a href="mailto:sitifairuz@usm.my">sitifairuz@usm.my</a>	- Water Resource Study, Water Quality, Water Pollution, Stormwater Management, River Engineering, Sustainable Urban Drainage Systems	- Rainwater Harvesting System - Wetland - Bioretention - SUDs	<a href="https://staffusm-my.sharepoint.com/:w:/g/personal/sitifairuz_usm_my/EW3GmJc40qRDqaA1DBZZOFMB4NcJccErHQnnpGYTbdWT4Q?e=QY9yPx">https://staffusm-my.sharepoint.com/:w:/g/personal/sitifairuz_usm_my/EW3GmJc40qRDqaA1DBZZOFMB4NcJccErHQnnpGYTbdWT4Q?e=QY9yPx</a>
<b>59. Siti Fatimah Samsurrijal</b> Advanced Medical and Dental Institute (AMDI)  <a href="mailto:fatimahsamsurrijal@usm.my">fatimahsamsurrijal@usm.my</a>	- Synthesis of Biocomposite films, - Bioactive Glass, - Biomaterials, - Cell Culture, Biocompatibility	- Cytotoxicity study and Biocompatibility Biomaterials	<a href="https://www.scopus.com/authorid/detail.uri?authorId=57203393615">https://www.scopus.com/authorid/detail.uri?authorId=57203393615</a>
<b>60. Siti Khadijah Mohd Bakhori</b> School of Physics  <a href="mailto:skmb@usm.my">skmb@usm.my</a>	- Material sciences: nanoparticles characterization Toxicology on bacteria, cell lines, insects Physics medical radiation	- Semiconductor nanomaterials fabrication and characterization for electronics, optoelectronics and biomedicine applications - Biosafe and efficacy of modified nanostructures for antibacterial, anticancer and insecticides activity	<a href="https://staffusm-my.sharepoint.com/:b:/g/personal/skmb_usm_my/EV_S9vJMHjRIimm5asQS7RQBfhw10u97mL6Cv1Cmu9Id6A?e=MpP7C2">https://staffusm-my.sharepoint.com/:b:/g/personal/skmb_usm_my/EV_S9vJMHjRIimm5asQS7RQBfhw10u97mL6Cv1Cmu9Id6A?e=MpP7C2</a>

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Research Officer (Q)	Expertise	Research Interest	CV Link
<b>61. Sofiyah Sal Hamid</b> Collaborative Microelectronic Design Excellence Center (CEDEC)  <a href="mailto:sofiyah@usm.my">sofiyah@usm.my</a>	<ul style="list-style-type: none"><li>- Analog IC Design and RF Analog IC design in PA and LNA. Also in chip level of test and measurement.</li></ul>	<ul style="list-style-type: none"><li>- Analog</li><li>- Radio Frequency</li><li>- Microelectronic</li><li>- Wireless and Mobile Application</li><li>- IC Design</li></ul>	<a href="https://staffusm-my.sharepoint.com/:b:/g/personal/sofiyah_usm_my/EdYwnQ40RwZMqnxVTcpa6T8Bdx2xuzQkoHlJPfytA1mwCg?e=X5RJIF">https://staffusm-my.sharepoint.com/:b:/g/personal/sofiyah_usm_my/EdYwnQ40RwZMqnxVTcpa6T8Bdx2xuzQkoHlJPfytA1mwCg?e=X5RJIF</a>
<b>62. Sofiyatul Akmal Binti Salim</b> Analytical Biochemistry Research Centre (ABrC)  <a href="mailto:sofiyatul@usm.my">sofiyatul@usm.my</a>	<ul style="list-style-type: none"><li>- Mass spectrometry,</li><li>- Liquid chromatography, dispersive liquid-liquid microextraction (DLLME), mycotoxins, aflatoxins, food analysis, food safety.</li></ul>	<ul style="list-style-type: none"><li>- Determination of aflatoxins in animal feed by dispersive liquid-liquid microextraction (DLLME) and LC-MS/MS.</li></ul>	<a href="https://staffusm-my.sharepoint.com/:b:/g/personal/sofiyatul_usm_my/EfIi2lqnhc9IsYfHHbgH7H8BCsT9fhQixgM7v_sQbTBgDQ">https://staffusm-my.sharepoint.com/:b:/g/personal/sofiyatul_usm_my/EfIi2lqnhc9IsYfHHbgH7H8BCsT9fhQixgM7v_sQbTBgDQ</a>
<b>63. Suardi Bin Kaharuddin</b> School of Electrical and Electronic Engineering  <a href="mailto:suardi@usm.my">suardi@usm.my</a>	<ul style="list-style-type: none"><li>- (Electronics) Microcontroller,</li><li>- Embedded System</li></ul>	<ul style="list-style-type: none"><li>- Embedded System, power electronics, renewable energy</li></ul>	<a href="https://tinyurl.com/5cc9vwvj">https://tinyurl.com/5cc9vwvj</a>

## RESEARCH OFFICER (SCHEME Q)

Research Officer (Q)	Expertise	Research Interest	CV Link
<b>64. Zaleha Binti Md Toha</b> Advanced Medical and Dental Institute (AMDI)  <a href="mailto:zaleha.mdtoha@usm.my">zaleha.mdtoha@usm.my</a>	<ul style="list-style-type: none"><li>- Botanical identification (Herbarium),</li><li>- Plant extraction,</li><li>- Phytochemistry,</li><li>- Cell lines culture,</li><li>- In vitro and in vivo toxicity,</li><li>- Bioinformatic (transcriptomic)</li><li>- Cell molecular biology</li></ul>	<ul style="list-style-type: none"><li>- herbal medicine</li><li>- cell biology and molecular</li><li>- bioinformatic (transcriptomic)</li><li>- in vitro cytotoxicity research</li><li>- in vivo toxicology research</li></ul>	<a href="https://experts.usm.my/cv/tae/zaleha.mdtoha">https://experts.usm.my/cv/tae/zaleha.mdtoha</a>
<b>65. Zarirah Karrim Wani</b> School of Mechanical Engineering  <a href="mailto:zarirah@usm.my">zarirah@usm.my</a>	<ul style="list-style-type: none"><li>- Metal forming,</li><li>- wire arc additive manufacturing,</li><li>- lean manufacturing</li></ul>	<ul style="list-style-type: none"><li>- metal forming, wire arc additive manufacturing, lean manufacturing</li></ul>	<a href="https://scholar.google.com/citations?user=GiW65FoAAA&amp;hl=en">https://scholar.google.com/citations?user=GiW65FoAAA&amp;hl=en</a>
<b>66. Zulkefli Bin Sanip</b> School of Medical Sciences  <a href="mailto:zulkefli@usm.my">zulkefli@usm.my</a>	<ul style="list-style-type: none"><li>- Microvascular endothelial function</li></ul>	<ul style="list-style-type: none"><li>- Metabolic diseases</li><li>- Endothelial function</li></ul>	-

## RESEARCH OFFICER (SCHEME Q)

Research Officer (Q)	Expertise	Research Interest	CV Link
<b>67. Muhammad Fadhirul Izwan Bin Abdul Malik</b> Science & Engineering Research Center (SERC)  <a href="mailto:fadhirul@usm.my">fadhirul@usm.my</a>	<ul style="list-style-type: none"><li>- Electron Microscopy and Imaging, Raman Spectroscopy, Glass, Medical Physics, Radiation Shielding, and nanomaterials</li></ul>	<ul style="list-style-type: none"><li>- Glass.</li><li>- Radiation Shielding.</li><li>- Polymers and Carbon (CNT, Activated Carbon).</li><li>- Environment.</li><li>- Semi-conductor.</li></ul>	<a href="https://experts.usm.my/cv/path/ZGJmYWYyZTkWYjkOZmUOMzgwOTk4MjRkMmU1NDk3N2Y1NjVmMGY1MDQONGQyNGUwYzUONzRiMWM4ZGIyYjk5ZTVjMjE3MTU5YmQ3MmY5NTQzMjJiNmMwZWl5ODMzZTQ4YzE1Y2YyMzJhMmZmZjhhNWQ0ZTBmMjA2MjIjMwYwNWRKei9kMUMzcDVySEVUc1YxRGpMYUs5a04veDlsMCtTUUtOWXZJQTc0UUhRPQ==/1">https://experts.usm.my/cv/path/ZGJmYWYyZTkWYjkOZmUOMzgwOTk4MjRkMmU1NDk3N2Y1NjVmMGY1MDQONGQyNGUwYzUONzRiMWM4ZGIyYjk5ZTVjMjE3MTU5YmQ3MmY5NTQzMjJiNmMwZWl5ODMzZTQ4YzE1Y2YyMzJhMmZmZjhhNWQ0ZTBmMjA2MjIjMwYwNWRKei9kMUMzcDVySEVUc1YxRGpMYUs5a04veDlsMCtTUUtOWXZJQTc0UUhRPQ==/1</a>
<b>68. Zuraihana Binti Bachok</b> School of Mechanical Engineering  <a href="mailto:zuraihana@usm.my">zuraihana@usm.my</a>	<ul style="list-style-type: none"><li>- Electronic manufacturing processes such as laser soldering and reflow soldering</li><li>- Lead-free solder joint characterization</li><li>- Silver-based conductive ink for stretchable electronic application</li></ul>	<ul style="list-style-type: none"><li>- Laser soldering process optimization</li><li>- Reflow soldering process optimization</li><li>- Stretchable electronics manufacturing process</li><li>- Lead-free solder joint characterization</li></ul>	<a href="https://experts.usm.my/cv/tae/zuraihana">https://experts.usm.my/cv/tae/zuraihana</a>