



**DR. RAIMI BINTI MOHAMED REDWAN (00639A)**  
PENSYARAH KANAN (TETAP)  
FACULTY OF AGRO BASED INDUSTRY  
UNIVERSITI MALAYSIA KELANTAN KAMPUS JELI  
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JELI

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## A. PERSONAL DETAILS

UMK JOIN DATE	17-Jul-2011
DATE OF APPOINTMENT FOR CURRENT POSITION	06-Feb-2017
DATE OF CONFIRMATION FOR CURRENT POSITION	01-Jul-2020
EDUCATION(S)	<ul style="list-style-type: none"><li>• () INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM</li><li>• (2017) UNIVERSITI MALAYSIA SABAH IJAZAH DOKTOR FALSAFAH BIOTEKNOLOGI</li><li>• (2010) UNIVERSITY OF NOTTINGHAM (MALAYSIA CAMPUS) IJAZAH SARJANA CROP BIOTECHNOLOGY CROP BIOTECHNOLOGY</li><li>• (2009) ROCHESTER INSTITUTE OF TECHNOLOGY IJAZAH SARJANA MUDA BIOTECHNOLOGY BIOTECHNOLOGY</li><li>• (2005) SEK. MEN. KEB. KAMIL SPM</li></ul>
GROUP OF EXPERTISE	<ul style="list-style-type: none"><li>• Genomic</li><li>• Molecular Marker</li></ul>
AWARD(S)	<ul style="list-style-type: none"><li>• Award Name: <b>Anugerah Perkhidmatan Cemerlang (APC) 2019 (2020)</b> Awarded by: Universiti Malaysia Kelantan</li></ul>
WORKING EXPERIENCE(S)	<ul style="list-style-type: none"><li>• Pembantu Penyelidik   Universiti Of Nottingham 01-Oct-2010-01-Mar-2011</li></ul>
PROFESIONAL MEMBERSHIP(S)	

## B. TEACHING-LEARNING ACTIVITIES

COURSES TAUGHT	<ul style="list-style-type: none"><li>• BFT1033 - GENETICS AND MOLECULAR BIOLOGY</li><li>• BIT2113 - BIOPRODUCT SAFETY AND QUALITY CONTROL</li><li>• BPT4173 - AGRICULTURE PRODUCTS TECHNOLOGY</li><li>• BTT4173 - FOOD PRODUCTION AND SAFETY</li><li>• FFT1013 - BIOCHEMISTRY</li><li>• FFT10403 - BIOCHEMISTRY</li><li>• FFT1083 - MICROBIOLOGY</li><li>• FFT4082 - STUDENT IN ENTERPRISE PROGRAMME</li><li>• FIT2113 - BIOPRODUCT SAFETY AND QUALITY CONTROL</li><li>• FPT3263 - PLANT BREEDING</li><li>• FSE30203 - STAPLE AND ALTERNATIVE FOOD SOURCES</li><li>• FST20103 - PRINCIPLES OF FOOD SCIENCE AND TECHNOLOGY</li><li>• FST20303 - PRINCIPLES OF CROP PRODUCTION AND MANAGEMENT</li><li>• FST20703 - FOOD PRODUCTION TECHNOLOGY AND MANAGEMENT PRACTICES</li><li>• FST30303 - RESEARCH PROJECT I</li></ul>
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- FST40103 - RESEARCH PROJECT II
- FST40208 - INDUSTRIAL TRAINING

## C. RESEARCH AND DEVELOPMENT

<b>JOURNAL(S)</b>	<ol style="list-style-type: none"> <li>1. AGROTECHNOLOGY STUDENTS' ACCEPTANCE ON AGRICULTURE DRONES SPRAYING AS PRACTICAL TOOL IN CLASS USING THE KNOWLEDGE, ATTITUDE AND PRACTICE (KAP) MODEL   CO   2024-06</li> <li>2. PLANTLET REGENERATION OF CUCUMIS MELO L. GLAMOUR CV. USING DIFFERENT TYPES OF CYTOKININ AND EXPLANTS   CO   2024</li> <li>3. DETECTION OF ABNORMAL BANANA PLANTLETS PRODUCED BY HIGH BAP CONCENTRATION AND NUMBER OF SUBCULTURES USING REPRESENTATIONAL DIFFERENCE ANALYSIS   CO   2020</li> <li>4. DETECTION OF ABNORMAL BANANA PLANTLETS PRODUCED BY HIGH BAP CONCENTRATION AND NUMBER OF SUBCULTURES USING REPRESENTATIONAL DIFFERENCE ANALYSIS   CO   2020</li> <li>5. RAPD ANALYSIS OF MUSA ACUMINATA CV. BERANGAN PLANTLETS IN NURSERY STAGE FROM LONG-TERM SUBCULTURE   CO   2020-05</li> <li>6. EGG AND BROILER SUPPLY IN MALAYSIA: ISSUES, CHALLENGES AND RECOMMENDATIONS   CO   2023</li> </ol>
<b>PROCEEDING(S)</b>	<ol style="list-style-type: none"> <li>1. PREDICTIVE ASSESSMENT OF PINEAPPLE CHLOROPHYLL CONTENT USING PROXIMAL SENSING AND VISIBLE BANDS THROUGH GROUND &amp; UAV INSPECTION   CO   2024-12</li> <li>2. CHEMICAL ANALYSIS OF COMPOST USING PINEAPPLE LEAVES AND COW DUNG AS BIO-ACTIVATOR   CO   2021-05</li> <li>3. NURSERY ENTREPRENEUR INTENTION TOWARDS BEING AN ORCHID ENTREPRENEUR   CO   2023</li> </ol>
<b>BOOK(S)</b>	
<b>CHAPTER(S)</b>	
<b>OTHER(S)</b>	
<b>RESEARCH(S)</b>	<ol style="list-style-type: none"> <li>1. DIHAPLOIDIZATION OF ANTER AND OVARY CULTURES OF ROCK MELON (CUCUMIS MELO L.) AS THE BASIS FOR PRODUCTION OF HYBRID CULTIVARS   MEMBER   FRGS   2020</li> <li>2. IDENTIFICATION OF GENES RELATED TO PINEAPPLE FRUIT RIPENING THROUGH RNASEQ ANALYSIS FOR ITS BREEDING PROGRAMME   HEAD   FRGS   2017</li> <li>3. PEMBANGUNAN USAHAWAN NENAS MELALUI KEMAHIRAN PENANAMAN NENAS, PENGHASILAN PRODUK HILIRAN NENAS DAN PEMASARAN NENAS   HEAD   MOF   2020</li> <li>4. PROGRAM PROJEK INKUBATOR PELAPIS USAHAWAN ASAS TANI (IPUAT)   MEMBER   MOF   2020</li> <li>5. PROGRAM PUSAT PEMBANGUNAN KOMPLEKS PERUSAHAAN DESA JELI (JELI COTTAGE INDUSTRY COMPLEX)   MEMBER   MOF   2020</li> <li>6. PEMBANGUNAN USAHAWAN ORKID DI KALANGAN GRADUAN, BAKAL GRADUAN DAN GOLONGAN BELIA TEMPATAN MELALUI KEMAHIRAN KULTUR TISU, PENJAJAAN NURSURI DAN PEMASARAN ORKID   MEMBER   MOF   2020</li> <li>7. PENGGUNAAN LADANG PINTAR IR4.0 (SISTEM IOT FERTIGASI) UNTUK MAKMAL LATIHAN PENGURUSAN LADANG &amp; PROJEK USAHAWAN SISWA   MEMBER   UMK-TELRIC   2022</li> <li>8. PHYLOGENETIC STUDY FOR SPECIES DIFFERENTIATION OF THE GENUS AGLAONEMA SCHOTT IN PENINSULAR MALAYSIA   HEAD   FRGS   2013</li> <li>9. PROGRAM PENGUKUHAN INDUSTRI NANAS KELANTAN MELALUI PENGKOMERSILAN INOVASI PRODUK HILIRAN   HEAD   KERAJAAN   2022</li> <li>10. STUDY OF GENETIC DIFFERENCES IN TISSUE CULTURED BANANA CV BERANGAN   HEAD   SGPL-MYRA   2016</li> </ol>
<b>SUPERVISION</b>	<ul style="list-style-type: none"> <li>• <b>BREEDING SIMULATION AND GENOMIC SELECTION FOR IMPROVEMENT OF FIELD AND QUALITY OF COWPEA</b>   CO SUPERVISOR FOR A PHD'S STUDENT</li> <li>• <b>DIHAPLOIDIZATION OF ANTER AND OVARY CULTURES OF ROCK MELON (CUCUMIS MELO L.) AS THE BASIS FOR PRODUCTION OF HYBRID CULTIVARS</b>   CO SUPERVISOR FOR A MASTER'S STUDENT</li> </ul>
<b>RESEARCH AWARD (S)</b>	<ul style="list-style-type: none"> <li>• Product Name: Best Presentation Award on 3rd International Conference GIAFAS-2021 Award: SPECIAL Role: Head Exhibition Name: 3rd International Conference GIAFAS-2021</li> <li>• Product Name: Mulberry Leave Chip Award: SILVER Role: Member Exhibition Name: Agro Revolution &amp; Innovation Challenge (AgroRIC 2021)</li> </ul>

## D. CONSULTATION

CONSULTATION(S)	
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## E. COMMUNITY SERVICES

COMMUNITY SERVICES	
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