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A. PERSONAL DETAILS

UMK JOIN DATE	01-Jul-2014
DATE OF APPOINTMENT FOR CURRENT POSITION	01-Jul-2014
DATE OF CONFIRMATION FOR CURRENT POSITION	22-Aug-2017
EDUCATION(S)	<ul style="list-style-type: none">• () INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM• (2023) UNIVERSITI PUTRA MALAYSIA IJAZAH DOKTOR FALSAFAH TEKNOLOGI PERTANIAN• (2011) UNIVERSITI MALAYA IJAZAH SARJANA BIOTEKNOLOGI• (2008) UNIVERSITI MALAYA IJAZAH SARJANA MUDA BIOTEKNOLOGI• (2003) S.M.K HAMZAH (1), MACHANG KELANTAN SPM
GROUP OF EXPERTISE	<ul style="list-style-type: none">• Crop Physiology• Micropropagation• Production System (Including micropropagation (tissue culture and bioreactor))• Tissue Culture
AWARD(S)	
WORKING EXPERIENCE(S)	<ul style="list-style-type: none">• Lecturer UiTM Negeri Sembilan 01-Dec-2011-01-Jun-2014
PROFESIONAL MEMBERSHIP(S)	<ul style="list-style-type: none">• LEMBAGA TEKNOLOGIS MALAYSIA MEMBER NATIONAL 23-Aug-2022-23-Aug-2121

B. TEACHING-LEARNING ACTIVITIES

COURSES TAUGHT	<ul style="list-style-type: none">• EFT1023 - BIODIVERSITY• FAT10103 - INTRODUCTION TO GENETICS• FFT1033 - GENETIC AND BIOLOGY MOLECULAR• FFT1073 - INTRODUCTION TO GENETICS• FFT4082 - STUDENT IN ENTERPRISE PROGRAMME• FPE2153 - TISSUE CULTURE TECHNOLOGY• FPT2123 - POST HARVEST TECHNOLOGY• FPT3213 - RESEARCH PROJECT I• FPT3263 - PLANT BREEDING• FPT4223 - RESEARCH PROJECT II• FTT3263 - RESEARCH PROJECT I• FTT4273 - RESEARCH PROJECT II
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C. RESEARCH AND DEVELOPMENT

JOURNAL(S)	<ol style="list-style-type: none"> 1. IN VITRO DEVELOPMENT OF SALT TOLERANT MALAYSIAN INDICA RICE 'MARDI SIRAJ 297' AND ENHANCEMENT OF SALINITY TOLERANCE USING SALICYLIC ACID MAIN 2024-02 2. IN VITRO DEVELOPMENT OF SALT TOLERANT MALAYSIAN INDICA RICE 'MARDI SIRAJ 297' AND ENHANCEMENT OF SALINITY TOLERANCE USING SALICYLIC ACID MAIN 2024-02 3. THE EFFICACY OF COATING ANTHRACNOSE-INFECTED CHILI SEED WITH 1-DEOXYNOJIRIMYCIN (1-DNJ) EXTRACTED FROM MULBERRY LEAVES ON SEED GERMINATION AND SEEDLING GROWTH CO 2024 4. CALLOGENESIS AND SOMATIC EMBRYOGENESIS OF ORYZA SATIVA L. (CV. MARDI SIRAJ 297) UNDER THE INFLUENCE OF 2, 4-DICHLOROPHENOXYACETIC ACID AND KINETIN CORRESPNDG 2022-07 5. CALLOGENESIS AND SOMATIC EMBRYOGENESIS OF ORYZA SATIVA L. (CV. MARDI SIRAJ 297) UNDER THE INFLUENCE OF 2, 4-DICHLOROPHENOXYACETIC ACID AND KINETIN CORRESPNDG 2022-07 6. EVALUATION OF THE DROUGHT TOLERANCE LEVEL OF MALAYSIAN INDICA RICE GENOTYPES USING BIOCHEMICAL MARKERS AT REPRODUCTIVE STAGE CO 2023 7. EVALUATION OF THE DROUGHT TOLERANCE LEVEL OF MALAYSIAN INDICA RICE GENOTYPES USING BIOCHEMICAL MARKERS AT REPRODUCTIVE STAGE CO 2023
PROCEEDING(S)	<ol style="list-style-type: none"> 1. ENHANCING OKRA (ABELMOSCHUS ESCULENTUS) GROWTH PERFORMANCE THROUGH SEED PRIMING CO 2024 2. IN VITRO REGENERATION FROM FLOWER STALK NODE OF PHALAENOPSIS SUNNY YELLOW CO 2022 3. THE EFFECTIVENESS OF NATURAL PLANT POWDER IN CONTROLLING RICE WEEVILS (SITOPHILUS ORYZAE) CO 2022 4. EFFECT OF COCONUT WATER AND PEPTONE IN MICROPROPAGATION OF PHALAENOPSIS AMABILIS (L.) BLUME ORCHID CO 2022
BOOK(S)	
CHAPTER(S)	
OTHER(S)	<ol style="list-style-type: none"> 1. TEKNOLOGI KULTUR TISU: MEMUTIK TANAMAN BERMUTU CORRESPNDG 2024-03
RESEARCH(S)	<ol style="list-style-type: none"> 1. ASSESSMENT AND ENHANCEMENT OF DROUGHT TOLERANCE LEVEL OF MALAYSIAN INDICA RICE CULTIVARS FOR STRATEGIC CROPPING DURING WATER SCARCITY MEMBER FRGS 2022 2. EFFICIENT MICROPROPAGATION AND ACCLIMATIZATION OF VANILLA ORCHID (VANILLA PLANIFOLIA ¿ANDREWS¿) FOR MASS CULTIVATION IN MALAYSIA HEAD RAGS 2014 3. EVALUATION OF AGRONOMIC AND YIELD DETERMINANTS OF SELECTED MALAYSIAN RICE CULTIVARS IN POT CULTURE SYSTEM FOR ALTERNATIVE CROPPING DURING WATER SCARCITY HEAD UMK-FUND 2023 4. PEMBANGUNAN SISTEM BIOKOMPOS UNTUK KOMUNITI IBU TUNGGAL MISKIN DI KELANTAN MEMBER MOF 2022 5. RELATIONSHIP ESTABLISHMENT OF SOIL NUTRIENT AND BIOLOGICAL COMPOSITIONS OF FUNGUS GARDEN MEMBER RAGS 2013
SUPERVISION	
RESEARCH AWARD (S)	<ul style="list-style-type: none"> • Product Name: NatGrow: Biocompost from agriculture and food waste Award: GOLD Role: Member Exhibition Name:International Agro Revolution & Innovation Challenge 2023 (AgroRIC 2023) • Product Name: RICE WEEVIL NATGONE: NATURAL REPELLENTS AGAINST RICE WEEVILS (SITOPHILUS ORYZAE) Award: GOLD Role: Member Exhibition Name:CRI 2022 (UMK CARNIVAL OF RESERACH AND INNOVATION) • Product Name: Berry Coat Award: SILVER Role: Member Exhibition Name:International Agro Revolution & Innovation Challenge 2023 (AgroRIC 2023) • Product Name: RiceVive: Germination booster for revival of old rice seeds Award: SILVER Role: Head Exhibition Name:International Agro Revolution & Innovation Challenge 2023 (AgroRIC 2023) • Product Name: NEEM EXTRACT AS ORGANIC SUPPLEMENT IN ORCHID TISSUE CULTURE Award: SILVER Role: Member Exhibition Name:CRI 2022 (UMK CARNIVAL OF RESERACH AND INNOVATION)

D. CONSULTATION

CONSULTATION(S)	1. FORMULASI DAN PERKEMBANGAN MAKANAN TERNAKAN RUMINAN, SILAJ TOTAL MIXED RATION (TMR) HEAD 2022
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E. COMMUNITY SERVICES

COMMUNITY SERVICES	
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