

CURRICULUM VITAE



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(University of Putra Malaysia, 2003)
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Position held: Senior Research Officer
Current Grade: Q 48

Research has been done:

1	Mass propagation of selected exotic landscape trees (Tekoma and Bungor) with special traits using mini-cutting technique	Project leader	2010-2012	Science Fund (RH2209SF10)
2	Efficient and economical mass production of floriculture materials	Sub-project leader	2016	MARDI Development Fund (21003004140001-F)
3	Urban farming Project in Community Garden, Taman Cendana, Pasir Gudang, Johor	Project member	2014-2015	MARDI Development Fund (K-RH149)
4	The application of advanced techniques for the propagation of hermaphorite papaya planting material	Project member	2015	MARDI Development Fund (21003001740001-B)

5	Study of the effect of functional plant on the level of pollution in buildings	Collaborator	2013-2014	MARDI Development Fund (21003001380001-B)
6	Regulation technique for fruits production in self-watering container (SWC)	Project member	2015	MARDI Development Fund (21003001350001-E)
7	Quality and post harvest study on floriculture product	Project member	2016	MARDI Development Fund (21003004140001-B)
8	Propagation technique for hermaphrodite papaya of Eksotka II using micro-cutting	Project member	2013-2014	MARDI Development Fund (21003001280001-G)
9	Propagation and production of mangosteen planting material	Project member	2011-2014	MARDI Development Fund (HR2.1.19)
10	Production technique of hermaphrodite Eksotika II papaya planting materials resistance to BDB	Collaborator	2015	MARDI Development Fund (21003001280001-2015-D)
11	Mass propagation of yellow rain tree and selection of unexploited orchid species (Ceologyne sp. and Aerides sp.)	Collaborator	2011-2013	MARDI Development Fund (J-TH003)
12	Mass production of mangosteen, seedless mangosteen and mesta planting materials	Project member	2013-2014	MARDI Development Fund (21003001300001-B)
13	Induction and production of hermaphrodite papaya	Collaborator	2013-2014	MARDI Development Fund (K-RBN001-1001)
14	Efficient and economical mass production of floriculture materials	Project member	2019-2020	MARDI Development Fund (21003004140001)
15	Domestication and mass propagation of new native flowering shrub species for landscape	Collaborator	2009-2012	Science Fund (RH2154SF10)
16	Development of native and exotic floriculture plant for the global market.	Project member	2016	MARDI Development Fund (21003004140001)

17	Control of selected fruit diseases	Collaborator	2015	MARDI Development Fund (21003002300001-2015-A)
18	Containerized fruit planting for urban farming	Project member	2014	MARDI Development Fund (21003001350001-B2)
19	Collection, propagation and selection of native ornamental plant as functional plant	Project member	2013-2014	MARDI Development Fund (21003001380001-A)

Publications:

Bil	Tajuk Penulisan dan Penerbitan	Sumber	Kategori	Tahun
1	<u>A Preliminary Study on Propagation Systems to Induce Shoot-bud Proliferation of Arundina graminifolia</u>	Transaction of the Malaysian Society of Plant Physiology. Vol. 26: 71-74	Prosiding Berwasit	2019
2	<u>Optimization and Improvement of Close Permanent Immerse System: A Reliable Protocol for Plant Regeneration from Stem Cutting on Arundina graminifolia</u>	Malaysian Society of Plant Physiology (MSPP), 27-29 September 2019, Ming Garden & Residence Hotel, Kota Kinabalu, Sabah. P24:Page 39.	Artikel Dalam Prosiding	2019
3	<u>Vegetative Propagation of Arundina graminifolia: Influence of Node Numbers, Physiological Age and Position of Cutting for Best Shoot-bud Proliferation</u>	Kuala Lumpur International Agriculture, Forestry & Plantation Conference, 15-16 July 2019, Bangi Resort Hotel, Selangor, Malaysia.	Prosiding Berwasit	2019
4	<u>Vegetative Propagation of Arundina graminifolia: Influence of Node Numbers, Physiological Age and Position of Cutting for Best Shoot-bud Proliferation</u>	Kuala Lumpur International Agriculture, Forestry & Plantation Conference, 15-16 July 2019, Bangi Hotel, Selangor, Malaysia.	Artikel Dalam Prosiding	2019
5	<u>Vegetative Propagation of Arundina graminifolia: Influence of Node Numbers, Physiological Age and Position of Cutting for Best Shoot-bud Proliferation</u>	International Journal of Agriculture, Forestry and Plantation (IJAFP), Vol.8 June 2019. ISSN 2462-1757 : 36-39	Jurnal Antarabangsa	2019
6	<u>Characterization on flowering pattern of selected landscape tree species in the urban areas</u>	Technical Report Horticulture Research centre, 2015	MARDI Report / MARDI Special Report	2018
7	<u>Preliminary Study on Propagation Systems to Induce Shoot-bud Proliferation of Arundina graminifolia</u>	28th Malaysian Society of Plant Physiology Conference, 28-30 August 2018, Hotel Perdana, Kota Bharu, Kelantan.	Artikel Dalam Prosiding	2018
8	<u>Rooting performance of Golden</u>	Technical Report Horticulture	MARDI Report /	2018

	<u>Penda micro-cutting ising different substrates</u>	Research Centre, 2015	MARDI Special Report	
9	<u>Yellow Rain Tree: Pokok Musim Luruh Di Kawasan Tropika</u>	Buletin Teknologi Tanaman, Bil. 14 (2018):1-9	Buletin Teknologi	2018
10	<u>Greenkit™-Growing Vegetables in Urban Home Garden</u>	Southeast Asia Vegetable Symposium (SEAVEG). 2017: 312-317.	Prosiding Berwasit	2017
11	<u>PROLIFERASI TUNAS HIBRID BAHARU Arundina graminifolia sp. tempatan x Arundina Graminifolia sp. India MENGGUNAKAN SISTEM RENDAMAN SEMENTARA</u>	Persidangan Kebangsaan Pemindahan Teknologi 2017 (CONFERTECH), 14-16 November 2017, Hotel Berjaya Waterfront, Johor	Artikel Dalam Prosiding	2017
12	<u>PROLIFERASI TUNAS HIBRID BAHARU Arundina graminifolia sp. tempatan x Arundina Graminifolia sp. India MENGGUNAKAN SISTEM RENDAMAN SEMENTARA</u>	Persidangan Kebangsaan Pemindahan Teknologi (CONFERTECH), 2017: 295-298	Prosiding Berwasit	2017
13	<u>Proses Markot Mengambil Masa yang Panjang</u>	Konvensyen Team Excellence Wilayah Pantai Timur 2017, 25-26 Julai 2017, Hotel Permai, Kuala Terengganu.	Perbentangan- Pertandingan KIK Peringkat Wilayah Pantai Timur	2017
14	<u>Proses Markot Mengambil Masa yang Panjang</u>	Annual Productivity & Innovation Conference and Exposition (APIC) 2017, 14-16 November 2017, Genting International Convention Centre (GICC).	Perbentangan - Pertandingan Annual Productivity & Innovation Conference and Exposition (APIC) 2017	2017
15	<u>Proses Markot Mengambil MASA yang Panjang, CLIP & CLAMP Sebagai Penyelesaian</u>	Annual Productivity & Innovation Conference and Exposition (APIC) 2017, 14-16 November 2017, Genting International Convention Centre (GICC), Genting Highland, Pahang.	POSTER- KIK Peringkat Kebangsaan (APIC 2017)	2017
16	<u>Brochure GreenKit</u>	Brochure GreenKit, April 2016, Pusat Penyelidikan Hortikultur, MARDI Serdang	Teknikal Booklet / Brochure / Leaflet	2016
17	<u>GreenKit- bab dalam buku Inovasi Pertanian Bandar-Do It Yourself</u>	GreenKit, Bab 2, ms 3-10 (2016)	Bab dalam Buku Ilmiah (dengan penyunting)	2016
18	<u>GreenKit: Growing vegetables in urban home garden</u>	Southeast Asia Vegetable Symposium, 6-8 September 2016, Putrajaya Marriott Hotel, Malaysia	Artikel Dalam Prosiding	2016
19	<u>Mengimarahkan Surau dan Masjid</u>	Perutusan PKKIM, Isu 2, November 2016	Occasional Paper / Makalah Sesekala	2016
20	<u>Penambahbaikan Kaedah Marcot di Nursery/Ladang</u>	Majlis Konvensyen Kumpulan Inovatif dan Kreatif (KIK), Peringkat MARDI, 10 October 2016, Ibu Pejabat MARDI, Serdang	Perbentangan - Pertandingan KIK 2016 - Peringkat MARDI	2016
21	<u>POKOK TIN- TANAMAN YANG BERPOTENSI DI MALAYSIA</u>	Persidangan Kebangsaan Agrobiodiversiti, 4-6 Oktober 2016, TH Hotel & Convention Centre Terengganu	Artikel Dalam Prosiding	2016

<u>22</u>	<u>Sain Di Sebalik 'Buah Syurga'</u>	Perutusan PKKIM, Isu 1, April 2016	Teknikal Booklet / Brochure / Leaflet	2016
<u>23</u>	<u>Slot 3 minit Selamat Pagi Malaysia TV1</u>	Slot 3 minit dalam Selamat Pagi Malaysia TV1, 1 Mac 2016, MARDI, Serdang	Rakaman TV1 Slot 3 minit dalam Selamat Pagi Malaysia	2016
<u>24</u>	<u>Teknologi Multispesies MARDI Tambah Seri Taman</u>	Komunikasi Teknologi MARDI, Siri 14/2016, pg.13	Occasional Paper / Makalah Seseкала	2016
<u>25</u>	<u>Video Persediaan GreenKit</u>	Green Shoots MARDI	Video GreenKit	2016
<u>26</u>	<u>Laman Inovasi Pertanian Bandar</u>	Artikal dalam Komunikasi Teknologi MARDI, Siri 10/2015	Occasional Paper / Makalah Seseкала	2015
<u>27</u>	<u>Micro cutting for mass propagation of landscape tree</u>	Scientia MARDI, V.5 April 2015	Artikal dalam Scientia MARDI	2015
<u>28</u>	<u>Tecoma: the sakura trees of Malaysia</u>	Scientia MARDI, V.5 April 2015	Artikal dalam Scientia MARDI	2015
<u>29</u>	<u>Kaedah Pembiakkan Manggis & Mesta</u>	Pameran & Demostrasi Pelancaran Program Tanam Semula Buah-buahan Terpilih, 23 Mac 2014, Sek. Keb. Ulu Dong, Raub, Pahang	Poster Pameran	2014
<u>30</u>	<u>LEAVES YELLOWING PATTERN OF DIFFERENT YELLOW RAIN TREE SELECTIONS</u>	National Urban Horticulture Conference, 15-17 April 2014, Berjaya Waterfront Hotel, Johor Baharu, Johor.	Artikel Dalam Prosiding	2014
<u>31</u>	<u>Yellow Rain Tree: Pokok Landskap Memberikan Impak Musim Luruh</u>	National Urban Horticultur Conference, 15 -17 April 2014, Berjaya Waterfront Hotel, Johor Baharu, Johor.	Teknikal Booklet / Brochure / Leaflet	2014
<u>32</u>	<u>Fenologi Empat Spesis Pokok Landskap Di Dua Zon Agro Iklim Berbeza</u>	Simposium Biologi Kebangsaan 2013, 28-30 Mei 2013, Thistle Port Dickson Resort, Negeri Sembilan	Artikel Dalam Prosiding	2013
<u>33</u>	<u>DOUBLE CUTTING TECHNIQUE FOR CLONING OF VERY DIFFICULT-TO-ROOT SPECIES</u>	International Agriculture Congress, 4-6 September 2012, Marriot Putrajaya, Malaysia.	Artikel Dalam Prosiding	2012
<u>34</u>	<u>Double Cutting: A Breakthrough In Cloning Of Selected Landscape Trees</u>	Malaysia Technology Expo 2012, 16-18 February 2012, PWTC, Kuala Lumpur	Poster presented during MTE 2012	2012
<u>35</u>	<u>Double Cutting: A Breakthrough in Cloning of Selected Landscape Trees</u>	23rd International Invention, Innovation & Technology Exhibition (ITEX'12), 17-19 Mei 2012, KLCC, Kuala Lumpur.	POSTER	2012
<u>36</u>	<u>Double Cutting: A Breakthrough In Cloning of Selected Landscape Trees</u>	Agromedia Bil. 38 2/2012, pg. 60	Agromedia	2012
<u>37</u>	<u>FLORIA Putrajaya 2012</u>	Artikel FLORIA Putrajaya 2012 dalam Majalah Komunikasi Teknologi MARDI (KTM), pg.6.	Artikel dalam Majalah Komunikasi Teknologi MARDI (KTM)	2012
<u>38</u>	<u>GreenKit: Pilihan Perkebunan Laman, Mengatasi Masalah Penyiraman</u>	Persidangan Kebangsaan Pemindahan Teknologi (ConferTech 2012), 28-29 Nov. 2012, Hotel Marriott, IOI Resort City, Putrajaya.	Poster	2012
<u>39</u>	<u>"Yellow rain tree": pokok musim luruh</u>	Buletin Teknol Tanaman Bil. 8 (2011): 71-72	Buletin Teknologi	2011

40	<u>Double Cutting- Breakthrough in clonal propagation on landscape trees</u>	Poster presented during MSTE 2011	POSTER	2011
41	<u>GreenKit : mengatasi masalah penyiraman tanaman anda</u>	Submitted to Agromedia Committee	Agromedia	2011
42	<u>GreenKit</u>	Buku Laman Edible: Konsep dan Inovasi. p25-34	Bab dalam Buku Ilmiah (dengan penyunting)	2010
43	<u>GreenKit: Self Watering- container for home gardening</u>	Brochure, ITEX 2010, 14-16 May 2010, KLCC	Teknikal Booklet / Brochure / Leaflet	2010
44	<u>Self-watering Kit for Home Gardening</u>	Brochure, SIIF2010, 2-5 Dec. 2010, Seoul, South Korea	Teknikal Booklet / Brochure / Leaflet	2010
45	<u>Evaluation of different layering techniques for cloning of mango cv. Chok Anan.</u>	Buku Kertas Teknikal, Mensyuarat Teknikal HRC, 6-9 April 2009 Mahkota Hotel, Melaka. pg 183-186.	Technical Report HRC 2009	2009
46	<u>Preliminary evaluation on rooting ability of some indigenous Tree species potential for landscaping</u>	Submitted to Technical Report HRC	Technical Report HRC 2009	2009
47	<u>Yellow Rain Tree-the autum trees in the tropic</u>	Proc. Nat. Conf. on New crops and Bio-resources. p.255-257, Seremban, 15-17 Dec. 2009	Artikel Dalam Prosiding	2009
48	<u>Green-kit – fresh ulam at your door step.</u>	Poster presented during MSTE 2008	Poster	2008
49	<u>Modified layering technique-Speed up cloning of the impossible</u>	Poster presented during MSTE 2008	Poster	2008
50	<u>Effects Of Substrate On The Propagation Of Stem Cutting</u>	MARDI Scientific Colloquium, 15 Dec. 2011, UPM Education & Training Sdn. Bhd.	Poster	2001

Award:

Bil	Nama Anugerah	Pemberi Anugerah	Singkatan	Tahun
1	<u>Best Paper Award</u>	Kuala Lumpur International Agriculture, Forestry and Plantation Conference	KLIAFP	2019
2	<u>Sijil Penghargaan sempena Kemenangan KIK di peringkat Kebangsaan</u>	Institut Penyelidikan & Kemajuan Pertanian Malaysia	MARDI	2018
3	<u>Pingat EMAS</u>	Annual Productivity & Innovation Conference Exposition 2017	KIK-APIC 2017	2017
4	<u>Pingat EMAS</u>	Konvensyen Team Excellence Wilayah Pantai Timur 2017	KIK-MPC 2017	2017
5	<u>Pingat Perak</u>	MARDI Science Teknology Exhibition	MSTE 2017	2017
6	<u>Poster Terbaik</u>	Annual Productivity & Innovation Conference Exposition 2017	KIK-APIC 2017	2017
7	<u>Pingat Emas Taman Kerajaan & Pencahayaan serta Anugerah kreatif</u>	Kementerian Wilayah Persekutuan & Perbadanan Putrajaya	FLORIA 2016	2016

8	<u>Tempat Ketiga - Konvensyen Kumpulan Inovatif dan Kreatif</u>	MARDI	KIK	2016
9	<u>Best Poster Award</u>	National Urban Horticulture Conference	NUHC	2014
10	<u>Anugerah Perkhidmatan Cemerlang 2013</u>	MARDI	APC 2012	2012
11	<u>Pingat Gangsa</u>	Malaysia Technology Expo 2012	MTE 2012	2012
12	<u>Pingat Perak & Anugerah Produk Inovatif</u>	International Invention, Innovation & Technology Exhibition	ITEX 2012	2012
13	<u>Anugerah Khas Juri & Anugerah Presiden</u>	Kementerian Wilayah Persekutuan & Perbadanan Putrajaya	FLORIA 2011	2011
14	<u>Pingat Emas</u>	MARDI Science Technology Exhibition 2011	MSTE 2011	2011
15	<u>Pingat Emas</u>	Seoul International Invention Fair 2010	SIIF 2010	2010
16	<u>Pingat Emas</u>	21st International Invention, Innovation & Technology Exhibition	ITEX 2010	2010
17	<u>Pingat Gangsa Pameran Taman Korporat & Anugerah Presiden</u>	Kementerian Wilayah Persekutuan & Perbadanan Putrajaya	FLORIA 2010	2010
18	<u>Pingat Perak Pameran Taman Korporat & Pencapaian</u>	Kementerian Wilayah Persekutuan & Perbadanan Putrajaya	FLORIA 2009	2009
19	<u>Pingat Gangsa</u>	MARDI	MSTE	2008

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