

CURRICULUM VITAE



Prof. Dr. U.s. Mahadeva Rao

Professor

Fakulti Perubatan, Kampus Perubatan, Universiti Sultan Zainal Abidin,
Terengganu Darul Iman.

Personal Information

Email : raousm@unisza.edu.my
Gender : Male
D.O.B : 27 March 1967
Age : 53
Race : Indian
Religion : Hindu
Current Scheme: VK07
Started in UniSZA: 16 October 2011
Qualification : Ph.D Biokimia, *Madras University, India*, 2009.
Sarjana Sains Biokimia, *Madras University, India*, 1990.
Ijazah Sarjana Muda Biokimia, *Madras University, India*, 1988.
H-Index : [Scopus: 8][Google Scholar: 14]

Area of Research

Biomedical Sciences, Biochemical Process, Alternative Medicine, Biological and Medical Sciences, Biologically Active Molecules

Work Experience

University of Madras affiliated colleges - 19 years
Mizan Tepi University, Africa - 1 yr 6 months

Administrative Responsibility

1. Ketua Unit (head of Unit Biochemistry for Faculty of Medicine), Fakulti Perubatan, 01 May 2019 - 30 May 2020.
2. Ketua Unit (biochemistry), Fakulti Perubatan, 01 Sep 2020 - 31 Oct 2022.

Training

Publication

Journal Article

1. Exercise Programmes for Reducing The Risk of Falls in Elderly: a Review (2020), Research Journal of Pharmacy and Technology, pp. 2961-2968, ISSN: 0974-3618 [*Indexed by: Scopus - Co-author*]
2. Oxidative Stress: an Example of Hormesis (2020), International Medical Journal, pp. 419-422, ISSN: 13412051 [*Indexed by: Scopus - Main Author*]
3. Is Kaasini Plant (cichorium Intybus L.) Panacea to Modified Life Style Causing Diseases in Traditional Medicine?: a Review (2020), International Medical Journal, pp. 2-5, ISSN: 13412051 [*Indexed by: Scopus - Main Author*]
4. Gymnemic Acid Mitigates Hyperglycemia by Attenuating The Hepatic Glucose Metabolic Enzymes in High Fat Diet Fed-Low Dose Streptozotocin-Induced Experimental Rodents (2020), Research Journal of Pharmacy and Technology, pp. 719-726, ISSN: 09743618 [*Indexed by: Scopus - Main Author*]
5. Biochemical Evaluation of Antidiabetic Effect of Kasini Ashshifa, a Polyherbal Formulation in High Fat Diet Fed-Low Dose Stz Induced Diabetes in Rats (2020), Research Journal of Pharmacy and Technology, pp. 1474-1482, ISSN: 09743618 [*Indexed by: Scopus - Main Author*]
6. Isolation and Characterization of Phytochemical Constituents and Its Antibacterial Activity of Brassica Oleracea Var Acephala (2019), Research Journal of Pharmacy and Technology, pp. 297-302, ISSN: 09743618 [*Indexed by: Scopus - Main Author*]
7. Relative Bioremediation of Used Engine Oil Contaminated Soil from an Industrialised Area by Various Microbes (2019), Research Journal of Pharmacy and Technology, pp. 331-338, ISSN: 09743618 [*Indexed by: Scopus - Main Author*]
8. Phenyl Propanoid Glycoside, an Eleutheroside Derivative in The Regulation Carbohydrate Metabolism in Hepatic Tissues in T2dm Experimental Rats (2019), Research Journal of Pharmacy and Technology, pp. 283-290, ISSN: 09743618 [*Indexed by: Scopus - Main Author*]
9. Comparative Study of Probiotic Bacteria on Ornamental Fish Giant Gourami, Osphronemus Goramy for Its Survival and Growth (2019), Research Journal of Pharmacy and Technology, pp. 262-268, ISSN: 09743618 [*Indexed by: Scopus - Main Author*]

10. Isolation and Characterization of Microbial Flora from Dental Plaque Patients (2019), International Medical Journal, pp. 487-490, ISSN: 13412051 [*Indexed by: Scopus - Main Author*]
11. Effects of Quercitrin on Diabetic Physiological Criteria and Hematological Parameters Studied in Diabetic Rats (2019), International Medical Journal, pp. 266-269, ISSN: 13412051 [*Indexed by: Scopus - Main Author*]
12. Convalescing Effect of Syringin on The Development of Nephropathy Studied in Diabetic Rats Mediated by Oxidative Stress Markers as Well as Proinflammatory Cytokines (2019), International Medical Journal, pp. 455-459, ISSN: 13412051 [*Indexed by: Scopus - Main Author*]
13. Medical Students' Perception of Learning Environment in New Campus of University Malaysia Sarawak (unimas): Measured by Dreem (2019), Research Journal of Pharmacy and Technology, pp. 4095-4098, ISSN: 09743618 [*Indexed by: Scopus - Co-author*]
14. Preliminary Phytochemical Analysis and Isolation and Identification of Active Principle Components of Petroleum Ether Extract from Leaves of Lawsoniainermis L. (2019), Research Journal of Pharmacy and Technology, pp. 3629-3636, ISSN: 09743618 [*Indexed by: Scopus - Main Author*]
15. Unraveling The Association of Tobacco Smoking (nicotine) with Gut and Adipocyte Appetite Regulator Hormones – a Systematic Review (2019), Research Journal of Pharmacy and Technology, pp. 913-919, ISSN: 09743618 [*Indexed by: Scopus - Main Author*]
16. In Silico Analysis of The Betuline from The Fiddler Crab, Uca Annulipes and Its Antimicrobial as Well as Anti Lung Cancer Activities (2019), Research Journal of Pharmacy and Technology, pp. 1849-1856, ISSN: 09743618 [*Indexed by: Scopus - Co-author*]
17. Impact of Sand Organic Carbon and Climatic Changes on The Population Density and Morphometric Characters of Emerita Asiatica in The East Coast of Southern India (2019), Indian Journal of Biochemistry and Biophysics, pp. 240-244, ISSN: 03011208 [*Indexed by: Scopus - Main Author*]
18. In Silico Analysis of The Phenylephrine from The Sand Crab (emerita Asiatica) for Its Antimicrobial Activities (2019), Research Journal of Pharmacy and Technology, pp. 2145-2152, ISSN: 09743618 [*Indexed by: Scopus - Co-author*]
19. Does Proprioception of Knee Improve After Various Forms of Training in Osteoarthritis of Knee? (2019), Research Journal of Pharmacy and Technology, pp. 4379-4386, ISSN: 0974-3618 [*Indexed by: Scopus - Co-author*]
20. Syringin, a Phenylpropanoid Glycoside Alleviates Oxidative Stress in Rats with High-Fat Diet Fed - Stz Induced Hyperglycaemia (2019), The Journal of The Myanmar Medical Association, pp. 44-57, ISSN: 0007-6295 [*Indexed by: Other Index - Main Author*]
21. Estimation of Anti-Inflammatory Activity as Well as Apoptotic Activity of Ethanolic Extracts of Crocus Sativus (2019), Universal Journal of Pharmaceutical Research, pp. 6-11, ISSN: 2456-8058 [*Indexed by: Other Index - Main Author*]
22. Evaluation of Antioxidant and Chemopreventive Potential of Methanolic Extracts of Leaf of Aeglemarmelos Attributes Towards Ductal Carcinoma Studied in McF7 Cells (2019), International Journal of Pharmacy and Pharmaceutical Sciences, pp. 21-25, ISSN: 0975-1491 [*Indexed by: Other Index - Main Author*]
23. In Vitro Free Radical Scavenging and Reducing Potentials as Well as Inhibitory Potential on α -Amylase and α -Glucosidase Activities of Fruit of Morinda Citrifolia (rubiaceae) (2018), Research Journal of Pharmacy and Technology, pp. 4135-4142, ISSN: 09743618 [*Indexed by: Scopus - Main Author*]
24. Relationship Between Sports Participation and Academic Performance Among Medical Students of Universiti Sultan Zainal Abidin (2018), Research Journal of Pharmacy and

- Technology, pp. 3737-3742, ISSN: 0974-3618 [*Indexed by: Scopus - Main Author*]
25. Cross-Sectional Study on Knowledge, Attitude and Practice Regarding Diabetes Mellitus Among Medical and Non-Medical Students (2018), *Research J. Pharm. and Tech.*, pp. 1-5, ISSN: 0974-360X [*Indexed by: Scopus - Main Author*]
 26. Impact of Isokinetic Training on Pain in Patients' with Knee Osteoarthritis-A Meta-Analysis (2018), *Research Journal of Pharmacy and Technology*, pp. 3402-3410, ISSN: 0974-3618 [*Indexed by: Scopus - Co-author*]
 27. Phytochemical Screening and in Vitro Antioxidant and Anti-Diabetic Potentials of *Persea Americana* Mill. (lauraceae) Fruit Extract (2018), *Universal Journal of Pharmaceutical Research*, pp. 38-45, ISSN: 2456-8058 [*Indexed by: Other Index - Main Author*]
 28. Quadriceps Muscle Activity During Exercise (2017), *Research Journal of Pharmacy and Technology*, pp. 1827-1831, ISSN: 0974-3618 [*Indexed by: Scopus - Co-author*]
 29. Strengthening Exercises of The Thigh Muscles- a Review (2017), *Research Journal of Pharmacy and Technology*, pp. 0974-3618, ISSN: 1827-1830 [*Indexed by: Scopus - Co-author*]
 30. Effect of Aerobic Exercise in Improving The Quality of Life in Polycystic Ovarian Disease (2017), *Research Journal of Pharmacy and Technology*, pp. 1788-1790, ISSN: 09743618 [*Indexed by: Scopus - Co-author*]
 31. Treadmill-Based Locomotor Training with Leg Weights in People with Chronic Stroke (2017), *Research J. Pharm. and Tech.*, pp. 1485-90, ISSN: 0974-3618 [*Indexed by: Scopus - Co-author*]
 32. Accessibility and Availability, Sociodemographic Characteristics, Health Centre Facilities and Knowledge, Attitude and Practice Towards Modifiable Lifestyle Diseases Among Adult Population in East Coast Malaysia – a Cross-Sectional Study (2017), *Research Journal of Pharmacy and Technology*, pp. 317-324, ISSN: 09743618 [*Indexed by: Scopus - Main Author*]
 33. Prevalence and Factors Associated with Obesity Among Adult at The Kampung Kolam, East Coast Malaysian Peninsula-A Cross Sectional Study (2017), *International Journal of Pharmacy and Pharmaceutical Sciences*, pp. 273-281, ISSN: 0975-1491 [*Indexed by: Other Index - Co-author*]
 34. Screening of Phytochemicals and Antibacterial Activity of Marine Red Alga *Portieria Hornemannii* (lyngbye) P. C. Silva (2017), *Research Journal of Pharmacology and Pharmacodynamics*, pp. 131-136, ISSN: 2321-5836 [*Indexed by: Other Index - Main Author*]
 35. Association Between The Usage of Smartphone as The Risk Factor for The Prevalence of Upper Extremity and Neck Symptoms Among University Students: a Cross Sectional Survey Based Study. (2017), *Research Journal of Pharmacy and Technology*, pp. 1184-1190, ISSN: 0974-3618 [*Indexed by: Other Index - Co-author*]
 36. In vivo Gastric Antiulcer Activity of Syringin (phenyl Propanoid Glucoside) Studied in Different Ulcer Induced Experimental Rat Models (article) (2016), *Der Pharmacia Lettre*, pp. 121-128, ISSN: 09755071 [*Indexed by: Scopus - Main Author*]
 37. Screening of Bismillah Leaf (*vernonia Amygdalina*) Extraction for Antiproliferative Activities in Human Glioblastoma Brain Cancer Cell Lines (2016), *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, pp. 1084-1089, ISSN: 09758585 [*Indexed by: Scopus - Co-author*]
 38. The Effect of Syringin on The Expression of Tnf- α , Inos, Icam-1 and Its' Mrna in The Heart, Brain and Kidneys of Spontaneously Hypertensive Rats (2016), *Der Pharmacia Lettre*, pp. 53-61, ISSN: 09755071 [*Indexed by: Scopus - Main Author*]
 39. Phytochemical Screening, Total Flavonoid and Phenolic Content Assays of Various Solvent Extracts of Tepal of *Musa Paradisiaca* (2016), *Malaysian Journal of Analytical Sciences*, pp.

- 1181-1190, ISSN: 13942506 [*Indexed by: Scopus - Main Author*]
40. Antiulcer Activity of Musa Paradisiaca (banana) Tepal and Skin Extracts in Ulcer Induced Albino Mice (2016), Malaysian Journal of Analytical Sciences, pp. 1203-1216, ISSN: 13942506 [*Indexed by: Scopus - Main Author*]
 41. In Vitro Nitric Oxide Scavenging and Anti Inflammatory Activities of Different Solvent Extracts of Various Parts of Musa Paradisiaca (2016), Malaysian Journal of Analytical Sciences, pp. 1191-1202, ISSN: 13942506 [*Indexed by: Scopus - Main Author*]
 42. Phytochemical Screening, Antioxidant Potential and Cytotoxic Activity of Melastoma Malabathricum Linn. from Different Locations (2015), International Journal of Pharmacy and Pharmaceutical Sciences, pp. 408-413, ISSN: 0975-1491 [*Indexed by: Scopus - Co-author*]
 43. Reviews on Calcium Mediated Secondary Messengers in Chronic Opioids Exposure/addiction (2015), Journal of Applied Pharmaceutical Science, pp. 114-119, ISSN: 22313354 [*Indexed by: Scopus - Co-author*]
 44. Effects of Extracting Solvents on Total Phenolic Content, Total Flavonoid Content and Anti-Oxidant Activity of Andrographis Paniculata from Kemaman, Malaysia (article) (2015), Research Journal of Pharmaceutical, Biological and Chemical Sciences, pp. 1397-1404, ISSN: 0975-8585 [*Indexed by: Scopus - Co-author*]
 45. Comparative Analysis of The Antibacterial, Antifungal, Antiproliferative and Cyclic Response Element (cre) Induced Expression of Downstream Luc Gene Activities of Monopterus Albus and Channa Straitus Extracts (2015), Journal of Applied Pharmaceutical Science, pp. 042-047, ISSN: 22313354 [*Indexed by: Scopus - Co-author*]
 46. In Vitro α -Amylase and β -Glucosidase Inhibition and Increased Glucose Uptake of Morinda Citrifolia Fruit and Scopoletin (2015), Research Journal of Pharmacy and Technology, pp. 189-193, ISSN: 0974360X [*Indexed by: Scopus - Co-author*]
 47. Phytochemical Screening, Total Phenolic and Total Flavonoid Content, and Antioxidant Activity of Different Parts of Melastoma Malabathricum (2015), Jurnal Teknologi, pp. 63-68, ISSN: 01279696 [*Indexed by: Scopus - Co-author*]
 48. Biochemical Evaluation of Antihyperglycemic and Hypolipidemic Effects of Methanolic Tepal Extract of Musa Paradisiaca Studied in Stz-Induced Diabetic Mice (2015), Journal of Chemical and Pharmaceutical Research, pp. 837-846, ISSN: 0975-7384 [*Indexed by: Scopus - Co-author*]
 49. Chemistry and Pharmacology of Syringin, a Novel Bioglycoside: a Review (2015), Asian Journal of Pharmaceutical and Clinical Research, pp. 20-25, ISSN: 0974-2441 [*Indexed by: Scopus - Main Author*]
 50. Prevalence, and Genetics and Environmental Risk Factors of Myopia– Review (2015), Research Journal of Pharmacy and Technology, pp. 1307-1311, ISSN: 0974-3618 [*Indexed by: Scopus - Main Author*]
 51. Phytochemical Screening, Antioxidant Activity of Pure Syringin in Comparison to Various Solvents Extracts of Musa Paradisiaca (banana) (fruit and Flower) and Total Phenolic Contents (2015), International Journal of Pharmacy and Pharmaceutical Sciences, pp. 242-246, ISSN: 0975–1491 [*Indexed by: Scopus - Co-author*]
 52. Challenges and Remedies Attributed Towards The Changing Trends of Drug Abuse from Traditional to Amphetamine Derivatives in Malaysia a Critical Review (2015), Research Journal of Pharmacy and Technology, pp. 1325-1330, ISSN: 0974-3618 [*Indexed by: Scopus - Co-author*]
 53. Regulatory Efficacy of Scopoletin, a Biocoumarin on Aortic Oxido Lipidemic Stress Through Antioxidant Potency as Well as Suppression of Mrna Expression of Inos Gene in Hypercholesterolemic Rats (2015), Der Pharmacia Lettre, pp. 57-67, ISSN: 09755071 [*Indexed by: Scopus - Co-author*]

54. Some Natural Products and Their Secondary Metabolites Attributed Towards Diabetic Cure: a Review (2015), International Journal of Pharmacy and Pharmaceutical Sciences, pp. 22-28, ISSN: 0975-1491 [*Indexed by: Scopus - Co-author*]
55. In-Vitro α -Glucosidase Inhibitory Potential of Extracts from Musa Paradisiaca (2015), International Journal of Integrative Biology, pp. 1-6, ISSN: 09738363 [*Indexed by: Scopus - Co-author*]
56. The Upbeat Association Sandwiched Between Physical Exercise and Stressfree Academic Performance Amid Medical Students of Universiti Sultan Zainal Abidin (2015), Research Journal of Pharmacy and Technology, pp. 1357-1364, ISSN: 0974-3618 [*Indexed by: Other Index - Main Author*]
57. Halitosis: Classification, Causes, and Diagnostic as Well as Treatment Approach – a Review (2015), Research Journal of Pharmacy and Technology, pp. 1707-1713, ISSN: 0974-3618 [*Indexed by: Other Index - Main Author*]
58. Modulatory Influence of Avocado on Renal Oxidative Lipidemic Stress and mRNA Expression of NOS in Renal Artery Studied in Nephropathy Induced Rats (2014), International Medical Journal, pp. 353-358, ISSN: 13412051 [*Indexed by: Scopus - Main Author*]
59. Secondary Metabolite Screening and Relative Reactive Oxygen Species Scavenging with Reducing Potency of Fruit Extract of Malaysian Mengkudu Using Various Solvent Extracts (2014), International Medical Journal, pp. 348-352, ISSN: 13412051 [*Indexed by: Scopus - Main Author*]
60. In Vivo Study on Diuretic and Laxative Therapeutic Properties of Hydro-Alcoholic Extract of Lu Hui (Liliaceae) on Experimental Rodents (Rattus Norvegicus) (2014), Asian Journal of Pharmaceutical and Clinical Research, pp. 147-151, ISSN: 09742441 [*Indexed by: Scopus - Main Author*]
61. Reviews of Herbal and Their Secondary Metabolites in The Treatment of Ulcerative Colitis and Peptic Ulcer (2014), Journal of Applied Pharmaceutical Science, pp. 80-90, ISSN: 22313354 [*Indexed by: Scopus - Co-author*]
62. Corroboration of Academic Performance with Various Study Preferences Followed Among Future Medical Professionals of Universiti Sultan Zainal Abidin (Unisza). (2014), Research J. Pharm. and Tech., pp. 137-141, ISSN: 0974-3618 [*Indexed by: Scopus - Main Author*]
63. Resistance to Polio Vaccination in Some Muslim Communities and The Actual Islamic Perspectives – a Critical Review (2014), Research J. Pharm. and Tech., pp. 494-495, ISSN: 09743618 [*Indexed by: Scopus - Co-author*]
64. Taxonomical, Phytochemical and Pharmacological Reviews of Musa Sapientum Var. Paradisiaca. (2014), Research Journal of Pharmacy and Technology, pp. 1356-1361, ISSN: 0974-3618 [*Indexed by: Other Index - Main Author*]
65. Oral and Dietary Habits, and Immunological and Clinical Impacts on The Inci (2014), Research J. Pharm. and Tech., pp. 1348-1353, ISSN: 0974-3618 [*Indexed by: Other Index - Main Author*]
66. Corroboration of Academic Performance with Various Study Preferences Follow (2014), Research J. Pharm. and Tech., pp. 137-141, ISSN: 0974-3618 [*Indexed by: Other Index - Main Author*]
67. Professionalism of Future Medical Professionals in Universiti Sultan Zainal Abidin, Malaysia. (2013), Bangladesh Journal of Pharmacology, pp. 124-130, ISSN: 1991-0088 [*Indexed by: ISI/4 - Co-author*]
68. Comparative Study of Professionalism of Future Medical Professionals Among Three Private Medical Colleges of Bangladesh (2013), Journal of Pharmaceutical and Clinical Research, pp. 170-179, ISSN: 0974-2441 [*Indexed by: Scopus - Co-author*]
69. Clinical Study on Chemo Pre-Emptive Potential of European Black Nightshade Studied in

- McF-7 Cell Lines. (2013), International Medical Journal(japan), pp. , ISSN: 13412051 [Indexed by: Scopus - **Main Author**]
70. Scopoletin (coumarin Extracted from Mengkudu): Chemical, Biological, Molecular and Pharmacokinetic Insights ? a Review. (2013), Research J. Pharm. and Tech., pp. 978-984PP, ISSN: 0974-3618 [Indexed by: Scopus - **Main Author**]
71. Screening of Phytochemicals and Comparative Antioxidant Activity of Leaf and Fruit of Malaysianmengkudu Using Aqueous and Organic Solvent Extracts. (2013), Research J. Pharm. and Tech., pp. 1064-1072, ISSN: 0974-3618 [Indexed by: Scopus - **Main Author**]
72. Clinical Study on Chemo Pre-Emptive Potential of European Black Nightshade Studied in McF-7 Cell Lines (2013), International Medical Journal, Japan, pp. 153-159, ISSN: 1341-2051 [Indexed by: Scopus - **Main Author**]
73. Modulatory Effect of Mengkudu Fruit on The Activities of Key Enzymes of Glucose Synthesis and Utilization Pathways of Diabetic Induced Rats (2013), Journal of Pharmacy Research, pp. 53-61, ISSN: [Indexed by: Other Index - **Co-author**]
74. Peroxisomeproliferator Activated Receptor Gamma (ppar-?) Polymorphism Towards Obesityendemic in Malaysia (2013), Vedic Research International Cell Signaling, pp. 007-010, ISSN: 2330-0302 [Indexed by: Other Index - **Co-author**]
75. Appraisal on Bangladeshi Medical Didactic Approaches, Implementation of Reread Medical Education Curriculum Design, and Suggesting Pharmacology and Therapeutics Discipline Throughout The Clinical Years of Graduation Epoch. (2012), Research Journal of Pharmacy and Technology, pp. 1428-1432, ISSN: 0974-3618 [Indexed by: Other Index - **Co-author**]

Book

1. Chemo Pre-Emptive Efficacy of Black Nightshade and Turkeyberry Studied in McF-7 Cell Lines (2018), ARUNAI PUBLICATIONS PRIVATE LIMITED, ISBN: 9-781234-567897 - **Main Author**
2. In Vivo and in Vitro Study on Antioxidant and Antidiabetic Potentials of Morinda Citrifolia (2018), A&V PUBLICATIONS, ISBN: 978-93-85525-41-4 - **Main Author**

Conference Proceedings

1. Does Proprioception of Knee Improve After Various Forms of Training in Osteoarthritis of Knee? (2019), 2nd International Conference on Fostering Interdisciplinary Research in Health Sciences (icfirhs) 2019, Aimst,kedah - **Co-author**
2. Phytochemical Screening, Total Flavonoid and Phenolic Content Assays of Various Solvent Extracts of Musa Sapientum. (2019), International Conference on Fostering Interdisciplinary Research in Health Sciences (icfirhs), Aimst University - **Co-author**
3. Analysis of Inter-Disciplinary Research Through Bibliometric Tools. (2019), International Conference on Fostering Interdisciplinary Research in Medicines, Raipur - **Main Author**
4. Effect of Eleutheroside B Compound on The Physiological Criterions and Hematological Parameters Studied in Rats Introduced into Streptozotocin - Induced Hyperglycaemic State. (2019), International Conference on Fostering Interdisciplinary Research in Medicines, India - **Main Author**
5. Recent Trends of Research in Science and Humanities (2018), International Conference on Recent Trends in Humanities and Science 2018, 'icrths-2018', Universiti Tunku Abdul Rahman - **Main Author**
6. Phytochemical Screening, Total Flavonoid and Phenolic Content Assays of Various Solvent

- Extracts of Fruit of *Persea Americana* Mill. (2018), International Conference on Recent Advances in Biomedical Technology 2018, Thiruvalluvar University - **Co-author**
7. Evaluation of Antioxidant and Chemo Preventive Potential of Methanolic Extracts of Leaf of Alligator Pear attributes Towards Ductal Carcinoma Studied in McFt Cells' (2018), International Conference on Recent Advances in Biomedical Technology 2018, Thiruvalluvar University, India - **Main Author**
 8. Obesity: 21st Century Health Care Challenge (2018), International Conference on Current Trends & Emerging Challenges in Biological Sciences (ctecbs), India - **Main Author**
 9. Nutritional Challenges in Minimizing The Diabetics (2017), Distinguished Scientific Lecture, Chennai, India - **Main Author**
 10. Life Style Diseases and Nutraceutical Remedies (2017), Aimst International Conference on Non Communicable Diseases, Kedah - **Main Author**

Research Grant

Principal Investigator

1. Extraction, Bioactivity Guided Fractionation and Characterization of Bioactive Principles from *Morinda Citrifolia* (mengkudu) Fruits for The Treatment of Diabetes., Kementerian Pengajian Tinggi (kpt);frgs, Government (2012), **Grant Value: RM57,850**

Co-Researcher

1. Screening of Bismillah Leaf Extraction Towards Antiproliferative Activities in Human Glioblastoma Brain Cancer Cells Line, U-87, Geran Agensi Luar, Government (2015), Grant Value: **RM25,000**
2. Development of Anticancer Potential from *Melastoma Malabathricum*, Research Acculturation Collaborative Effort - Race, Government (2013), Grant Value: **RM50,000**
3. Extraction, Bioactivity Guided Fractionation and Characterization of Bioactive Principles from *Morinda Citrifolia* (mengkudu) Fruits for The Treatment of Diabetes., Kementerian Pengajian Tinggi (kpt);frgs, Government (2012), Grant Value: **RM57,850**

Postgraduate Student

Main Supervision

1. [PhD] Annaas Budi Setyawan, Indonesia, - **Ongoing**
2. [MASTER] Ahmad Bashir Ado, Nigeria, - **Completed**
3. [MASTER] Muhammad Abdurrazak, Nigeria, - **Completed**

Awards

1. Sijil Perkhidmatan Cemerlang (2020), Sijil Perkhidmatan Cemerlang, Majlis Anugerah Kecemerlangan Staf Unisza - **Leader**
2. Life Time Achievement in Research on Medicinal Herbs Useful in Life Style Diseases (2019), Research on Medicinal Herbs, Al-Kausar Tibb-E-Nabuvi Research Foundation Trust - **Leader**
3. Research Book Publication (2019), Chemo Pre-Emptive Efficacy of Black Nightshade and Turkeyberry Studied in McF 7 Cell Lines, Majlis Anugerah Kecemerlangan Staf Unisza - **Leader**
4. Research Book Publication (2019), Invivo & Invitro Study on Antioxidant & Antidiabetic Potential of Morinda Citrifolia, Majlis Anugerah Kecemerlangan Staf Unisza - **Leader**
5. Sijil Perkhidmatan Cemerlang (2018), Sijil Perkhidmatan Cemerlang, Majlis Anugerah Kecemerlangan Staf Unisza - **Leader**
6. Sijil Perkhidmatan Cemerlang (2018), Sijil Perkhidmatan Cemerlang, Majlis Anugerah Kecemerlangan Staf Unisza - **Leader**
7. Distinguished Professor (2018), Distinguished Professor, International Conference in Aimst University Airf India - **Leader**
8. Best Research Supervisor 2018 (2018), Biochemistry, International Conference on Interdisciplinary Research Technology & Innovation, Thailand - **Leader**
9. Lifetime Achievement Award (2016), Biochemistry, Aufau International Awards 2016 Organized by Chemical Science Review & Letters - **Leader**

Professional Membership

1. Member, Life Member of Indian Chemical Society, 2009-2029
2. Committee, Advisory Committee in Recent Advance in Bioresource Technology (rabt 17), India, 2017-2017
3. Committee, Advisory Committee in Advancements of Applied Zoology Conference, Chennai, India, 2017-2017

Academic Ecosystem

1. Consultancy/perundingan, External Consultant - Al Kausar Herbal Hospitals Private Limited, Herbal Research Centre, 2019-2025
2. Editor, Editor in Chief - International Journal of Applied Chemical and Biological Sciences, 2020-2021
3. Editor, Editor - Journal of Pharma Innovation, 2020-2021
4. Editor, Academic Editor for Journal of Pharmaceutical Research International, 2017-2021
5. Keynote Speaker, Keynote Speaker - One Week International Faculty Development Programme on "writing a Scientific Research Article and Patent Registration" (wsrapr-2020), Alagappa University & Elsevier, 2020-2020
6. Keynote Speaker, Keynote Speaker - 3rd International Conference "frontiers in

- Pharmaceutical Science & Research", 2020-2020
7. Keynote Speaker, International Conference on Nutraceuticals as Immune Boosters, 2020-2020
 8. Keynote Speaker, Keynote Speaker - International Online One Week Faculty Development Program, Annamalai University, 2020-2020
 9. Keynote Speaker, Keynote Speaker - Herbal Immunity Boosting Nutraceuticals, Laureate Institute of Pharmacy, 2020-2020
 10. Keynote Speaker, Chief Guest - International Webinar Immune Boosting Nutraceuticals, Theivanai Ammal College for Women, 2020-2020
 11. Editor, Editorial Board Member - Journal of Integrative Medicine, 2018-2020
 12. Editor, Executive Editor - Universal Journal of Pharmaceutical Research (ujpr), 2018-2020
 13. Editor, Associate Editor - Research Journal of Pharmacy and Technology (rjpt), 2017-2020
 14. Editor, Editorial Board - Journal of Pharmaceutical Sciences and Pharmacology, 2019-2020
 15. Expert/pakar Rujuk, Expert - Kasini Ashshifa Powder, Al Kausar Unani Kidney Foundation, 2019-2020
 16. Examiner, Ph.D Thesis Evaluation (ms Archana), University of Madras, India, 2020-2020
 17. Reviewer, Reviewer - International Research Journal of Medicine and Medical Sciences (irjmms), 2020-2020
 18. Reviewer, Reviewer - Asian Journal of Research in Medical and Pharmaceutical Sciences, 2020-2020
 19. Reviewer, Reviewer - Journal of Ethnopharmacology, 2020-2020
 20. Reviewer, Reviewer - Universal Journal of Pharmaceutical Research, 2020-2020
 21. Committee, Resource Person - International Conference on "3d-Diabetes Diet and Drug", 2020-2020
 22. Examiner, Evaluation of Ph.D Dissertation of Ms. Asma Khan / The University of Agriculture, Peshawar, Pakistan, 2020-2020
 23. Examiner, Evaluation of Ph.D Dissertation of Ms. Humaira / The University of Agriculture, Peshawar, Pakistan, 2020-2020
 24. Committee, Advisory Committee - International Conference on Transdisciplinary & Innovative Research in Science (ictirs 2020), 2020-2020
 25. Reviewer, Reviewer - Asian Food Science Journal, 2020-2020
 26. Reviewer, Reviewer - International Neuropsychiatric Disease Journal, 2020-2020
 27. Speaker/trainer, Speaker at International Symposium of Metabolic Obesity and Role of Thyroid, Branded Methods, 2020-2020
 28. Speaker/trainer, Guest Lecture, Reva University, India, 2020-2020
 29. Guest Speaker, Resource Person - International Webinar on Lifestyle Changes & Their Impact on Insulin Resistance, 2020-2020
 30. Reviewer, Reviewer - Current Diabetes Reviews (isi Indexed), 2020-2020
 31. Examiner, Ph.D Thesis Evaluation (ms Bhuvana), University of Madras, India, 2020-2020
 32. Reviewer, Reviewer - Journal of Applied Pharmaceutical Science (scopus), 2020-2020
 33. Reviewer, Reviewer - Asian Journal of Biochemistry, Genetics & Molecular Biology, 2020-2020
 34. Reviewer, Reviewer - European Journal of Medicinal Plants, 2020-2020
 35. Reviewer, Reviewer - Journal of Complementary and Alternative Medical Research, 2020-2020
 36. Reviewer, Reviewer - Pharmaceutical and Biosciences Journal, 2020-2020
 37. Examiner, Ph.D Thesis Evaluation (mr K Natarajan), Vels University, 2020-2020
 38. Examiner, Ph.D Thesis Evaluation (ms J Veena), Vels University, 2020-2020
 39. Keynote Speaker, Keynote Speaker - Fostering Interdisciplinary Research in Medicines,

- 2019-2019
40. Editor, Associate Editor - Research Journal of Pharmacognosy & Phytochemistry (rjpp), 2019-2019
 41. Editor, Editor - American Journal of Biopharmacology Biochemistry and Life Sciences, 2019-2019
 42. Editor, Editor - Australian Journal of Pharmaceutical Biology (ajpb), 2019-2019
 43. Editor, Editor - Annals of Chemical and Medical Sciences (acms), 2019-2019
 44. Editor, Associate Editor - research Journal of Pharmacology and Pharmacodynamics (rjpp), 2019-2019
 45. Editor, Editor - Annals of Pharma Research, 2019-2019
 46. Committee, Committee - 2nd International Conference on "fostering Interdisciplinary Research in Health Sciences 2019" (2nd Icfirhs 2019), 2019-2019
 47. Judge/jury/evaluator, Judge - International Conference on Fostering Interdisciplinary Research in Health Sciences 2019 / Aimst University, 2019-2019
 48. Examiner, Examiner for Ph.D Thesis (tamilsevi) / Biher University, 2019-2019
 49. Reviewer, Reviewer - Journal of Applied Pharmaceutical Research (ijpr), 2019-2019
 50. Reviewer, Reviewer - Journal of Applied Pharmaceutical Science (japs), 2019-2019
 51. Advisor, Conference Advisory Board Member - International Conference Crtmmt 2019, 2019-2019
 52. External Assessor, Staff Promotion Appraisal / University of Agriculture Peshawar, Pakistan, 2019-2019
 53. Examiner, Examiner for Ph.D Thesis (jayanthi) / Thiruvalluvar University, 2019-2019
 54. Examiner, Examiner for Ph.D Thesis (devipriya) / Thiruvalluvar University, 2019-2019
 55. Examiner, Examiner for Ph.D Thesis (sharmila) / Bharathiar University, 2019-2019
 56. Reviewer, Reviewer - Indian Journal of Biochemistry & Biophysics (ijbb), 2019-2019
 57. Examiner, Examiner for Ph.D Thesis (nagarajan) / Thiruvalluvar University, 2019-2019
 58. Examiner, Examiner for Master Thesis (tan Say Koon) / Usm, 2019-2019
 59. Examiner, Examiner for Ph.D Thesis (kanagavalli) / Thiruvalluvar University, 2019-2019
 60. Guest Speaker, Invited Speaker - 2nd International Conference on "fostering Interdisciplinary Research in Health Sciences 2019" (2nd Icfirhs 2019), 2019-2019
 61. Speaker/trainer, Outreach Invited Lectures, Thiruvalluvar University, 2019-2019
 62. Speaker/trainer, Public Lecture, Reva University, 2019-2019
 63. Advisor, Advisory Board - International Journal of Bio-Pharma Research (ijbpr), 2019-2019
 64. Advisor, Advisory Board - International Research Journal of Pharmaceutical and Biosciences (irjpbs), 2019-2019
 65. Advisor, Advisory Member - International Journal of Bioassays, 2019-2019
 66. Examiner, Examiner for Ph.D Thesis (arul Mainar) / University of Madras, India, 2019-2019
 67. Reviewer, Reviewer - Saudi Pharmaceutical Journal, 2019-2019
 68. Keynote Speaker, Keynote Speaker - International Conference on Recent Trends in Humanities and Science (icrths) 2018, Utar, 2018-2018
 69. Editor, Editor - Phab Linx Journal of Diabetes, 2018-2018
 70. Expert/pakar Rujuk, Resource Person - International Conference "current Trends & Emerging Challenges in Biological Sciences (ctecbs), 2018-2018
 71. Guest Speaker, Guest Speaker - International Conference on Recent Trends in Science and Technology (icrtst 2018), 2018-2018
 72. Committee, International Convener - International Conference on Recent Trends in Science and Technology, 2018-2018
 73. Committee, Committee Member in Icrths 2018, 2018-2018
 74. Committee, Appointment as a Session Chair/co Chair/time Keeper in The Uicid, 2018-2018

75. Advisor, Advisory Committee Member - International Researcher Connect & Awards 2018, 2018-2018
76. Advisor, Conference Advisory Board - Recent Advances in Biomedical Technology (rabt-2018), 2018-2018
77. Examiner, Examiner for Ph.D Thesis (arunkumar) / Vels University, 2018-2018
78. Examiner, Examiner for Ph.D Thesis (abirami) / University of Madras, 2018-2018
79. Examiner, Examiner for Ph.D Thesis (saira Katheeja) / University of Madras, 2018-2018
80. Examiner, Examiner for Ph.D Thesis (jagadeesan) / University of Madras, 2018-2018
81. Examiner, Examiner for Ph.D Thesis (chokkanathan) / Thiruvalluvar University, 2018-2018
82. Examiner, Examiner for Ph.D Thesis (kayeen Vadakkan) / Thiruvalluvar University, 2018-2018
83. Examiner, Examiner for Ph.D Thesis (agatha Kristy) / Bharathiar University, 2018-2018
84. External Assessor, Staff Promotion Appraisal / University of Agriculture Peshawar, Pakistan, 2018-2018
85. Guest Speaker, Guest Speaker - International Conference on Recent Advances in Biomedical Technology (rabt – 2018), 2018-2018
86. Committee, International Convener - International Conference on Recent Trends in Humanities and Science (icrths) 2018, Utar, 2018-2018
87. Guest Speaker, Invited Speaker in First International Conference on Interdisciplinary Research Technology and Innovation (icirti 2018), Thailand, 2018-2018
88. Examiner, Examiner for Ph.D Thesis (kistan) / Bharathiar University, 2018-2018
89. Committee, Chairperson - International Conference on Recent Trends in Science and Technology (icrtst 2018), 2018-2018
90. Reviewer, Reviewer in Journal of Applied Pharmaceutical Science, 2018-2018
91. Committee, Ahli Jawatankuasa Pelaksana International Conference on Infectious Diseases (uicid) 2018, 2018-2018
92. Guest Speaker, Guest Lecture - International Conference "current Trends & Emerging Challenges in Biological Sciences (ctecbs), 2018-2018
93. Judge/jury/evaluator, Evaluator for Master Thesis (nur Hanim Zainudin) / Usm, 2018-2018
94. Plenary Speaker, Plenary Forum - Pcs International Diabetes Symposium (ids-India-2017), 2017-2017
95. Guest Speaker, Invited Speaker in Aimst International Conference on Non-Communicable Diseases 2017, 2017-2017
96. Examiner, Examiner for Ph.D Thesis (gandhi) / Vels University, 2017-2017
97. Examiner, Examiner for Ph.D Thesis (k.jaya) / University of Madras, 2017-2017
98. Examiner, Examiner for Ph.D Thesis (kotteeswaran) / Thiruvalluvar University, 2017-2017
99. Reviewer, Reviewer - Journal of Functional Foods, 2017-2017
100. Reviewer, Reviewer - Phytochemistry Letters, 2017-2017
101. Speaker/trainer, Public Lecture - Haramaya University College of Medical Sciences, 2017-2017
102. Speaker/trainer, Distinguished Scientific Lecture, Pachaiyappa College, India, 2017-2017
103. Reviewer, Reviewer - Canadian Journal of Diabetes (isi Indexed), 2017-2017
104. Plenary Speaker, Plenary Speaker in International Symposium on Conservation of Aquatic & Terrestrial Biodiversity (iscatbio 2016), India, 2016-2016
105. Expert/pakar Rujuk, Resource Person in International Symposium on Conservation of Aquatic & Terrestrial Biodiversity (iscatbio 2016), India, 2016-2016
106. Reviewer, Reviewer for Manuscript "inflorescence of Musa Paradisiaca Ameliorates Type 2 Dm & Associated Cardiovascular Risks" in Journal of Functional Food, 2016-2016
107. Examiner, Examiner for Ph.D Thesis (j.jayakandhi) / Bharathiar University, 2016-2016

108. Examiner, Examiner for Ph.D Thesis (palani) / Bharathiar University, 2016-2016
109. Examiner, Examiner for Ph.D Thesis (jayavelu) / Thiruvalluvar University, 2016-2016
110. Examiner, Examiner for Master Thesis (ahmad Ezam) / Usm, 2016-2016
111. Examiner, Examiner for Ph.D Thesis (natarajan) / Thiruvalluvar University, 2015-2015
112. Examiner, Examiner for Ph.D Thesis (b.chitra) / Tamil Nadu Medical University, 2015-2015
113. Examiner, Examiner for Ph.D Thesis (sathish Kumar) / University of Madras, 2015-2015
114. External Assessor, Pemeriksa Luar Viva Voce M.Sc Medical Biochemistry, Fakulti Perubatan, Aimst Universiti, 2014-2014
115. Keynote Speaker, Keynote Speaker - International Conference on Biological Sciences – Trends in Herbal Medicine, 2012-2012

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