

CURRICULUM VITAE

Personal:

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NATIONALITY: Sri Lankan

Educational qualifications:

2005-2009 Ph.D. in Chemistry and Biological activities of some Sri Lankan Seaweeds and their Endophytic Microorganisms, University of Peradeniya, Sri Lanka.

2006- 2007 Postgraduate Certificate Course in Advance Organic Chemistry
Postgraduate Institute of Science, University of Peradeniya, Sri Lanka

2005 Postgraduate Certificate Course in Advance Bio Chemistry and Principal of toxicology, Post Graduate Institute of Science, University of Peradeniya, Sri Lanka

2002-2003 Certificate Course in Teaching Higher Education, University of Colombo, Sri Lanka.

1995-1999 B.Sc (Hons) (Chemistry Special), University of Peradeniya, Sri Lanka

Working Experience:

2009-Present Senior Lecturer - I in Organic Chemistry, Faculty of Applied Sciences, South Eastern University of Sri Lanka

2002-2009 Lecturer in chemistry, Faculty of Applied Sciences, South Eastern University of Sri Lanka

Mar.-Dec., 2001 Assistant Lecturer, South Eastern University of Sri Lanka

2000-2001 Lecturer (contract), Department of Chemistry, University of Peradeniya

1999-2000 Research Assistant, Department of Chemistry, University of Peradeniya

Trainings, Courses and Workshops:

- Workshop series on, “Developing Academic Literacy in the State Universities” by AHEAD, ELTA-ELSE, Ministry of Education from (July 02 -30, 2021).
- Workshop on, “SCL with OBE” organized by AHEAD, ELTA-ELSE at Management Development Training Unit (MDTU), Trincomalee, (August 28th -29th, 2020).
- Workshop on, “How to Prepare the Curriculum to Meet the Requirements of SLQF and SBSs” organized by SDC, SEUSL at South Eastern University of Sri Lanka, (January 21, 2020).
- Workshop on, “outcome-based education (OBE) and Student-Centered Learning (SCL)” organized by SDC, SEUSL, at South Eastern University of Sri Lanka (June 25, 2019).
- Participated training on Chemical Safety and Security (November 12 and 15th, 2018) organized by H.E.J Research Institute of Chemistry, International Center for Chemical and Biological Sciences (ICCBS), Karachi, Pakistan.
- Participated workshop on Medicinal Chemistry for Anti-Infectious Drug Discovery (November 14, 2018) organized by H.E.J Research Institute of Chemistry, International Center for Chemical and Biological Sciences (ICCBS), Karachi, Pakistan.
- Training Program on virtual Learning Environment organized by Quality and Innovation Grant- (QIG, Window 2) of Faculty of Applied Sciences at Faculty of Applied Sciences (4th November, 2015).
- Workshop on “Fostering Resilience and working with Stress: A counselling workshop for Professionals” held on 10th and 11th March, 2015, conducted by General Sir Kotelawala Defense University
- Workshop on Curriculum Development for External Degree Program organized by Center for External Degrees and Professional Learning (CEDPL), SEUSL, (8th April, 2013)
- Workshop on Open Education Resources organized by COL, HETC Project, Ministry of Higher Education at OUSL (13-14th March, 2013)
- Workshop for Proposal Writers on Quality and Innovation Grant- (QIG, W1 and 2. Round 2) organized by Ministry of Higher Education at Hotel Topaz (20th November, 2012)
- Training seminar on Toxicology organized by the Institute of Chemistry of Ceylon (20th January, 2012).
- Training session at the “ICES-INASP Research Writing Skills” workshop jointly conducted by the International Network for the Availability of Scientific Publication (INASP) UK and International Center for Ethnic Studies (ICES) Kandy, Sri Lanka (15-19 March, 2010).
- Training seminar on Agrochemicals organized by the Institute of Chemistry of Ceylon (12 March, 2010).
- Followed a Certificate Course on Herbal Drugs Standardization Techniques conducted by the Industrial Technology Institute (06-08 January, 2010), Ministry of Science and Technology.
- Successfully completed the training workshop on scientific communicator to the public conducted by the National Science Foundation in collaboration with the Institute of Fundamental Studies (25-26th August, 2006).
- Workshop on, “Safety and Health in Laboratories” at South Eastern University of Sri Lanka, Sammanthurai (February 16 & 17, 2004).

Research:

2005-present

Chemistry and Biological activity studies of some Sri Lankan seaweeds and their endophytic microorganisms.

Chemistry and Biological activities of medicinal plants of Eastern province of Sri Lanka.

Synthesis and Biological activities of Heterocyclic Molecules.

Awards/Fellowship:

1. Senate Honors Award for high impact publication at 218th meeting of the senate held on 16th March 2022 at the Auditorium of South Eastern University of Sri Lanka, Oluvil.
2. Senate Honors Award for high impact publication at 211th meeting of the senate held on 19th May 2021 at the Board room of South Eastern University of Sri Lanka, Oluvil.
3. Senate Honors Award for high impact publication at 198th meeting of the senate held on 23rd October 2019 at the Board room of South Eastern University of Sri Lanka, Oluvil.
4. Postdoctoral training Award by H.E.J Research Institute of Chemistry, International Center for Chemical and Biological Sciences (ICCBS), Karachi, Pakistan from 4th November, 2018 to 5th January 2019.
5. Postdoctoral training Award by H.E.J Research Institute of Chemistry, International Center for Chemical and Biological Sciences (ICCBS), Karachi, Pakistan from 15th October, 2016 to 13th October, 2017.
6. NRC merit Award for Scientific Publication-2013 awarded on November, 20th 2015
7. Author AID grant to attend a summer **2011** intensive course in research writing held in Department of Veterinary Integrative Biosciences, Texas A&M University, USA. Awarded by The International Network for the Availability of Scientific Publications (INASP).
8. Pacificchem **2010** Young Scholar Award- Awarded by the 2010 International Chemical Congress of Pacific Basin Societies in Honolulu, HI, USA on December 15-20, 2010.
9. Kandiah Memorial Award for Basic Chemistry- 2009, awarded by Institute of Chemistry Ceylon.
10. Fellowship from the Third World Academy of Science to conduct research at the H.E.J Research Institute of Chemistry, University of Karachi, Pakistan from August, 2007 to February, 2008.

Publication in refereed indexed journals:

1. Mohammad Yasin Mohammad, Yusuf M. Al-Hiari, Mohammad S. Abu-Darwish, Maha Habash, Manal Najdawi, **Haroon M. Hanifa**, M. Iqbal Choudhary. Microbial Biotransformation of Some Anabolic Steroids. In press, *Jordan Journal of Pharmaceutical Sciences*, 2022, 15 (4).
2. Al-Dulaimi Qutaiba, Mohammad Yasin Mohammad*, Al-Najdawi Manal, Al-Hiari M. Yusuf, **Haniffa M. Haroon** and Choudhary Iqbal M., New Bicyclic Lactone by Biotransformation of β -caryophyllene using *Aspergillus niger*, *Letters in Organic Chemistry* 2022; 19(12)
. <https://dx.doi.org/10.2174/1570178619666220615094240>
3. Siddiqui, Hina, M. A. A. Baheej, Saeed Ullah, Fazila Rizvi, Shazia Iqbal, **Haroon M. Haniffa**, Atia-tul Wahab, and M. Iqbal Choudhary. "Synthesis of 1, 2, 3, triazole modified analogues of hydrochlorothiazide via click chemistry approach and in-vitro α -glucosidase enzyme inhibition studies." *Molecular Diversity* (2021): 1-19.

4. Siddiqui, Hina, **Haroon M. Haniffa**, Ayaz Ahmed, and Muhammad I. Choudhary. "Synthesis of new Enrofloxacin Derivatives as Potential Antibiofilm Drugs Against Staphylococcus Aureus and Klebsiella Pneumoniae." *Medicinal Chemistry* 17, no. 1 (2020): 85-96.
5. **Haroon, M.H.**, Ranjith, H., Dharmaratne, W., Yasin Mohammad, M. and Choudhary, M.I., 2019. Allelopathic activity of some Sri Lankan seaweed extracts and the isolation of a new brominated nonaromatic isolaurone type sesquiterpene from red alga *Laurencia heteroclada* harvey. *Natural Product Research*, pp.1-8.
6. Siddiqui H, **Haroon M.H.**, Jabeen A, -Rahman A-u, Choudhary MI (2018) Sulphamethazine derivatives as immunomodulating agents: New therapeutic strategies for inflammatory diseases. *PLoS ONE* 13 (12): e0208933.
7. Mohammad, M. Y., Shakya, A., Al-Bakain, R., **Haroon, M. H.**, & Choudhary, M. I. (2018). New monoterpenoid by biotransformation of thymoquinone using *Aspergillus niger*. *Bioorganic Chemistry*, 80, 212-215.
8. **Haroon, M. H.**, S. R. Premaratne, M. Iqbal Choudhry, and H. R. W. Dharmaratne. "A new β -glucuronidase inhibiting butyrolactone from the marine endophytic fungus *Aspergillus terreus*." *Natural product research* 27, no. 12 (2013): 1060-1066.

Publication in refereed journals:

1. **Haniffa, Haroon M.** "Brine shrimp cytotoxic activities of some methanolic extracts of marine algae and phytochemical analysis of green alga *Ulva lactuca* Linnaeus." *Journal of Science-FAS-SEUSL* 2, no. 02 (2021): 40-46.
2. **Haniffa, Haroon M.**, R. Fathima Safana, and S. Kathirgamanathar. "Antimicrobial activity of essential oils separated from selected plants of Sri Lankan Rutaceae." *Journal of Science-FAS-SEUSL* 2, no. 02 (2021): 65-76.

Published as a full paper at International Conferences:

1. **Haroon, M. H.**, and J. M. R. Jayasekara. "Allelopathic activity of some medicinal plant extracts and allelopathic activity guided fractionation of Methanolic leaf extract of *Cassia Alata*. (2019). *Proceedings of the 9th International Symposium – 2019, South Eastern University of Sri Lanka* page 336-344.

2. **Haroon, M. H.** "Antioxidant activities of butyrolactones from marine endophytic fungus *Aspergillus terreus*. *Proceedings of the 9th International Symposium – 2019* , South Eastern University of Sri Lanka pages 332-335
3. **M H Haroon**, S R Premaratne, M I Choudhry and H R W Dharmaratne, In vitro T-cell inhibition of Aurasperone A from a marine derived fungus *Aspergillus fonsaceus*., *Proceedings of the 7th international Conference, 7th and 8th December, 2017*, South Eastern University of Sri Lanka pages 213-219
4. **Haroon M.H.**, and H.R.W Dharmaratne, New brominated sesquiterpenes from red alga *Laurencia hetroclada* Harvey, and their Immunomodulatory activities. *Proceedings of the 3rd international Conference, 2013*, South Eastern University of Sri Lanka page 61-66
5. **Haroon M.H.**, S.R.Premaratne, M.I. Choudhry and H.R.W Dharmaratne (2010). β -glucuronidase inhibitory active compound from marine endophytic fungus *Aspergillus terreus*. *Proceedings of the international Conference on Natural Products*, page 56-60 organized by Department of Chemistry, University of Peradeniya
6. **Haroon M. H** (2009), Kandiah Memorial Award for Basic Chemistry, Chemistry and Biological activities of some Sri Lankan Seaweeds and their endophytic microorganisms, *Chemistry in Sri Lanka*,26(2), 23-26
7. **Haroon, M. H.**, Premaratne, S. R., & Dharmaratne, H. R. W. (2007). Chemistry and bioactivity studies of green alga *Ulva lactuca* L. and red alga *Amphiroa anceps* (Lamarck) Decaisn, *Proceedings of the International Conference on Chemistry, Technology, and Innovation for greater Safety and Economic Growth*, Colombo, Sri Lanka. pages 84-89.

Published as an abstract

1. Fahmidha, H.F., Haroona, M.H. and Baheej, M.A., 2021. Synthesis and evaluation of the antimicrobial activity of Schiff base and Succinimide compounds. *Proceedings of Annual Scientific Research Sessions-2020 on intrgrated Applied Sciences and Smart Technologies*, Faculty of Applied Sciences, South Eastern University of Sri Lanka, page 41-45.
2. de Silva, W.I.U. and **Haroon, M.H.**, 2021. Insecticidal activity of soursop leaves (*Annona muricata* L.) against *Sitophilus zeamais*. *Proceedings of Annual Scientific Research Sessions-2021 on integrated Applied Sciences and Smart Technologies*, Faculty of Applied Sciences, South Eastern University of Sri Lanka, page 46-49
3. M. N. F. N. Banu, M. H. Haroon, A. B. F. Rifana. Antibacterial Activity of endophytic fungi- derived from *Momordica Charantia*. *Proceedings of Annual Scientific Research Sessions-2020 on integrated Applied Sciences and Smart Technologies*, Faculty of Applied Sciences, South Eastern University of Sri Lanka, page 13.
4. R. F. Safana, M. H. Haroon, S. Kathirgamanathar, Antimicrobial Activity of Essential oil from selected plant of *Citrus Latifolia*, *Proceedings of Annual Scientific Research Sessions-2020 on integrated Applied Sciences and Smart Technologies*, Faculty of Applied Sciences, South Eastern University of Sri Lanka, page 14.
5. M. A. Ahamed Baheej, M. H. Haroon, H. Siddiqui, M. I. Choudhary, U. L. B. Jayasinghe, Synthesis of Gallic acid- ester Derivatives as Potent Inhibitors of Immunomodulatory activity *in-vitro*. *Proceedings of Annual Scientific Research Sessions-2020 on intrgrated Applied Sciences and Smart Technologies*, Faculty of Applied Sciences, South Eastern University of Sri Lanka, page 16.
6. Ahamed Baheej, M. A., Siddiqui, H., **Haroon, M. H.**, Choudhary, M. I. and Jayasinghe U.L.B Synthesis of Novel inhibitors of α -Glucosidase and Carbonic Anhydrase based on 1,2,3- Triazole Derivatives of Hydrochlorthiazide (HCT) through Click Chemistry approach. Presented a poster in 7th International

Symposium-cum-Training Course on Molecular Medicine and Drug Research (MMDR-7) organized by DR. Panjwani Center for molecular Medicine and Drug Research. (November 4 to 7, 2019). University of Karachi, Pakistan.

7. Mohammad, M. Y., Haroon, M. H., & Choudhary, M. I. New monoterpenoid by biotransformation of thymoquinone using *Aspergillus niger*. Present a poster in 2nd International Symposium on Natural Products for the Future (ISNPC-2) jointly organized by HEJRIC and Sciences PSA. (November 4 to 6, 2018). University of Karachi, Pakistan.
8. Haroon, M. H., Siddiqui, H., Danish, S., & Choudhary, M. I. Synthesis and in vitro Tyrosinase Activities of Sulphamethazine Derivatives” Delivered a session lecture in 14th International Symposium on Natural Products Chemistry for the Future (ISNPC-14) jointly organized by HEJRIC. (November 6 to 8, 2018). University of Karachi, Pakistan.
9. Haroon, M. H., & Jayasekara, J. M. R. (2018). Allelopathic activity guided fractionation of methanol extract of *Cassia alata* L. ASRS-2018, Faculty of Applied Science, South Eastern University of Sri Lanka
10. Haroon, M. H., Maduka, U. T. M. S. H., & Sujarajini, V. (2018). Insecticidal effects of plant extracts of some medicinal plants against *Sitophilus zeamais* mostchulsky on stored maize. ASRS-2018, Faculty of Applied Science, South Eastern University of Sri Lanka.
11. K.K. Gnanapragasm, E.M.J.M. Rizvi and M H. Haroon, Allelopathic Activity of Ten Medicinal Plants: A Preliminary Study. Proceedings of Annual Scientific Research Sessions-2015 on Enhancing quality of Life through Scientific Researches, Faculty of Applied Sciences, South Eastern University of Sri Lanka page 17
12. M.J.F. Shurfa, A. B. F. Rifana, J.M. Rizvi and M.H. Haroon. Allelopathic Activity Studies of some Medicinal Plants and Seaweed Extracts. Proceedings of Annual Scientific Research Sessions-2014 on Empowering National Development through Integrated Research. Faculty of Applied Sciences, South Eastern University of Sri Lanka page 10
13. Haroon M.H and Dharmaratne (2012), Cytotoxicity of some Sri Lankan seaweeds extracts, Proceedings of Annual Scientific Research Sessions-2012 on Exploring Science and Technology for Regional Development. Faculty of Applied Sciences, South Eastern University of Sri Lanka page 33
14. Haroon M.H, M.I. Choudhry and H.R.W Dharmaratne (2011). Urease inhibitory active compound from marine endophytic fungus *Aspergillus terreus*, Proceedings of the 1st international Conference on Post war Economic Development through Science, Technology and Management. Abstract. Page 134
15. Haroon M.H, S.R. Premaratne, M.I. Choudhry and H.R.W. Dharmaratne T-cell inhibitory active compound from marine endophytic fungus *Aspergillus terreus*, Proceedings of the 2010 International Chemical congress of Pacific Basin Societies in Honolulu, HI, USA, 2010
16. Haroon M.H, M.I. Choudhry and H. R.W Dharmaratne. A new brominated sesquiterpenes from a red alga *Laurencia hetroclada*. Proceedings of Sri Lanka Association for the Advancement of Science, 65th annual session, 2009, Part 1, Abstracts pp 136.
17. Haroon M.H, S.R. Premaratne, M.I. Choudhry and H.R.W. Dharmaratne. A new Butyrolactone from an endophytic fungal strain isolated from marine red alga *Laurencia ceylanica*. Proceedings of Sri Lanka Association for the Advancement of Science, 64th annual session, 2008, Part 1, Abstracts pp 151.

18. Haroon M.H, S.R. Premaratne, M.I. Choudhry and H.R.W. Dharmaratne. Aurasperone-A from an endophytic fungus strain SW11, isolated from brown alga *Sargassum wightii* Proceedings of Sri Lanka Association for the Advancement of Science, 64th annual session, 2008, Part 1, Abstracts pp 153.
19. Haroon, M.H. and Dharmaratne, H.R.W. Arugambinol, a new acyclic diterpenoid from green alga *Ulva lactuca* L., Proceedings of Sri Lanka Association for the Advancement of Science, 63rd annual session, 2007, Part 1, Abstracts pp 117-118.
20. Dharmaratne H.R.W., Premaratne S. R., Haroon M.H., and Laatsch H. Chemistry of endophytic microorganisms from seaweeds Proceedings of Sri Lanka Association for the Advancement of Science, 63rd annual session, 2007, Part 1, Abstracts pp 200-201.
21. Haroon M.H., Premaratne S R., Napagoda M T. and Dharmaratne H.R.W (2006) Inhibitory activities of some seaweed extracts upon germination of lettuce, Poster presentation, 10th anniversary celebrations of the Postgraduate Institute of Science, pp. 14
22. Haroon M.H., Premaratne S.R., Napagoda M.T and Dharmaratne H.R.W (2006) Chemistry and Biological activity studies of Green algae *Ulva lactuca* L. Proceedings of the 62nd Annual Session, Sri Lanka Association for the Advancement of Science, Part 1, Abstracts, pp.117
23. Premaratne S.R., Haroon M.H., and Dharmaratne H.R.W (2006) Allelopathic activity studies of Sri Lankan seaweed extracts Proceedings of the 62nd Annual Session, Sri Lanka Association for the Advancement of Science, Part1, Abstracts, page.66.

Other Professional and Administrative Experience:

- Dean, Faculty of Applied Sciences from August, 2022 to Present
- The Head, Department of Chemical Sciences from March, 2019-August, 2022.
- Project Coordinator, ELTA-ELSE DP, AHEAD (WORLD BANK PROJECT) from October, 2019 to Present
- University Council Member-SEUSL from July 2020 to March 2022
- Senior student counsellor – FAS from November, 2015 to November, 2016
- Activity Coordinator for Quality and Innovation Grants (QIG), Faculty of Applied Sciences, for Higher Education for the Twenty First Century (HETC) Project from January, 2015 to 31st March, 2016
- Member of the University Senate from April, 2014 to November, 2016
- Academic Warden (January 2012 – January 2013 and January 2014 to October 2016).
- Coordinator/ Annual Scientific Research Sessions-2013.
- Served as Subject Coordinator for Chemistry (2002 –2003).
- Life member / Sri Lanka Association for Advancement of Science (SLASS)
- Member/Institute of Chemistry Ceylon (1602M).
- Secretary/South Eastern University Teacher' s Association.
- Secretary, Senior Common Room Association (SCRA), FAS, SEUSL, 2009/2010.).
- Co-Facilitator for the AuthorAID Workshop on Teaching Research Communication at the Sri Lanka Medical Association, University of Colombo from the 27th to 31st May, 2013.

- Reviewed several manuscripts for Natural Product Research and other Proceedings.
- Team member in Greentech Consultants (pvt) ltd. for a study of seasonal variation of water quality in Arugambay and Batticola Lagoon from 10th November 2008 to December 2009.

Non-related referees:

1. Prof. Veranja Karunaratne
Senior Professor in Organic Chemistry
Department of Chemistry
University of Peradeniya
Sri Lanka Institute of Nanotechnology
E-mail: veranjaK@slintec.lk

2. Dr. H R W Dharmaratne
University of Mississippi
University MS 38677, USA
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3. Prof. M.M.M. Najim,
B.Sc. (Peradeniya), M.Eng. (AIT, Thailand), Ph.D. (UPM, Malaysia)
Vice Chancellor,
South Eastern University of Sri Lanka,
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