



Dr. G. D. Liyanaarachchi

Research Scientist

Herbal Technology Section

Qualifications	PhD- Natural Products Chemistry- University of Colombo BSc(Agri) Honors – Wayamaba University of Sri Lanka
Contacts	Tel: +94112797333 Email: gavini@iti.lk
Specialized Fields	Natural Products Chemistry, Biochemistry
Interest Areas	<ul style="list-style-type: none">• Pharmacognacy and phytochemistry• Drug discovery• Cosmetic Science
Publications & Communications	<ul style="list-style-type: none">• Liyanaarachchi G., Samarasekara R. Mahanama K. R. R., Hemalal K. D. P (2018). Tyrosinase, elastase, hyaluronidase, inhibitory and antioxidant activity of Sri Lankan medicinal plants for novel cosmeceuticals. <i>Industrial Crops & Products</i>, 111, 597-605. https://doi.org/10.1016/j.indcrop.2017.11.019.• Liyanaarachchi G., Kottearachchi N. S., Samarasekara R. (2014), Volatile profile of traditional aromatic rice varieties in Sri Lanka, <i>Journal of National Science Foundation</i>, 42(1), 87-93. http://dx.doi.org/10.4038/jnsfsr.v42i1.6683.
Major Projects Undertaken	<ul style="list-style-type: none">• Volatile profiles of traditional aromatic rice varieties in Sri Lanka (Grant No: NRC 09-11)• Cosmetically Active Herbal Ingredient for Development Personal Care (TG 13/69)• Isolation and purification of bio-active natural compounds from <i>Artocarpus nobilis</i> at University of Toledo, USA• Antioxidant and enzyme inhibitory phytoceuticals for cosmetic application (NSF/SCH/2017/06)• Development of new value added health products incorporating underutilized bioactive medicinal plants to address life style diseases in Sri Lanka (TG 19-178)• Implementing standard operational procedures (SOP) for cell culture laboratory through biosafety measures, capacity building and development of <i>in vitro</i> applications (TG 18/167).