

MRIDULA VELLORE, M.Phil**Research Assistant**

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Educational Qualifications:

- M.Phil Biotechnology, Preliminary Studies and Molecular Analysis of an important medicinal plant *Cymbopogon citratus* (2016) at Hindusthan College of Arts and Science, Bharathiar University.
- M.Sc Biotechnology (2007) Hislop College, RTM Nagpur University.
- B.Sc Biotechnology (2005) LAD College, Nagpur University.

Professional Experience: Research Associate at Amala Cancer Research Centre from 2008 Nov to April 2009 in a research project involving the determination of anti-diabetic activity of a herbal product sponsored by an industry.

Research Experience:

- ◆ Mass propagation and plant molecular techniques of *Cymbopogon citratus*.
- ◆ Screening of latent TB form active TB from areas of high TB endemic zones.
- ◆ Research activities for developing new immunological tools for the diagnosis of TB.
- ◆ Evaluating Heat shock proteins in the clinical samples for identifying their role in pulmonary and extra pulmonary tuberculosis (TB).

Publications: Preliminary phytochemical screening of different solvent extracts from *Cymbopogon citratus* leaf. *European Journal of Biomedical and Pharmaceutical Sciences*, Vol 3, issue 4, 367-370.

Scientific presentations:

- International Seminar on “Infection and Immunity”, Dept of Biotechnology, SNR sons college, Coimbatore (2015).
- International Conference on Recent advances in Bionano- Science and technology, Hindusthan College of Arts and Science, Coimbatore (2015).
- International symposium on “Public Health Emergency and Disaster Management”, Hindusthan College of Arts and Science, Coimbatore (2015).
- National Conference on “Biotechnology-Present and Future for sustainable Health Development”, SERB-New Delhi sponsored, Dr. NGP arts and Science college, Coimbatore (2014).

Workshops and trainings:

- Workshop on ‘Phyto-Pharmaceuticals-Traditional to recent advancements, Karpagam Academy of Higher Education, Coimbatore (2015).
- Workshop on “Fingerprinting Techniques”, Hindusthan College of Arts and Science, Coimbatore (2015).
- Training course on Plant Biotechnology and tissue culture techniques, Central Institute for Cotton Research, Nagpur (2004).
- Training programme on different biophysical diagnostic and medical molecular biological techniques, Rainbow Medinova Diagnostic Services, Nagpur. (2003)

Computer exposure:

Programming languages : C-programming ,NIIT Kottayam (69%).
Operating Systems : Windows (95, 98, XP, NT, Vista).
Packages : MS-Office (Word, Excel, Power Point, Outlook)