

**Name** : Dr. C.Hemalatha

**Designation** : Assistant Professor

**Department** : Clinical Lab Technology

**Qualification** : M.Sc., M.Phil., Ph.D.

**Experience** : Teaching: 10.10 Years

**Industry:** Nil **Research:** 6 Years

**Area of Specialization(s)** : Clinical Biochemistry

**Email (Official ID)** : hemalatha.c@drngpasc.ac.in



### Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Biochemistry	University of Madras	2010
M.Phil.	Life science	Manonmaniam sundaranar University	2003
MCA	Biochemistry	University of Madras	2000
BCA	Biochemistry	University of Madras	1998

### Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Diploma in MS Office	Computer Science	CSC	2005

### Research Publications (Indexed)

#### International

C. Hemalatha, R. Dhamotharan, S. Murugesan, **Antinutritional effects of soya bean lectin derived from *glycine Max (L.) Merrill* on diabetes induced albino rats**, *Bioscience. Biotech. Res. Comm.* Vol. 3, No. 2, pp.159-163. 2011, (Indexed in SCOPUS).

C. Hemalatha, R. Dhamotharan, S. Murugesan, Studies on Lectin from Glycine Max (L.) Merrill, *Biosciences Biotechnology Research Asia*. Vol. 7, No.1, pp. 2010, (Indexed in SCOPUS).

## National

C. Hemalatha, R. Dhamocharan, S. Murugesan, **Effect of Soya Bean Lectin On Streptozotocin Induced Diabetic Rats**, *Asian J. Exp. Biol. Sci.* Vol. 2, pp.231-236. 2011.

## Presentations in Conference

**“Isolation and characterization of a lectin with antifungal activity of soya bean seeds (*Glycine max* (L.) Merrill)**, International conferences on emerging trends and challenges in science and technology (ICETCST)-2013, Government Arts College for Men (Autonomous) Nandanam, Chennai – 600 035, Sep-13.

**Antioxidative and DNA cleavage protectivity of *Andrographis Alata* extract**, International conference on emerging trends and challenges in science and technology, Bhaktavatsalam memorial College for Women, Ch-80, 1-Mar -13 to 2-Mar -13.

**Phytochemical screening and anti -bacterial activity of *Indigofero Aspalathoide***, International conference on emerging trends and challenges in science and technology, Bhaktavatsalam memorial College for Women, Ch-80, 1-Mar -13 to 2-Mar -13.

**Isolation and characterization of SBA lectin from defatted soya flour**, International conference conducted by Elite Biosciences foundation, Chennai, 10- Dec- 09.

## Participation in Conference

### International

International Conference on Medicinal Plants and Herbal Drugs: Challenges and Opportunities in Cultivation Sustainable Utilization and Conservation (ICMPHD 2010), Pachaiyappa s college, Chennai, March 4th to 6th 2010. 4-Mar -10 to 6 -Mar -10.

## Participation in Workshop

International workshop on Health Risk Assessment of Nanoparticles, Dr.N.G.P. Arts and Science, Coimbatore, 5-Dec.-18 to 7-Dec-18.

## **Participation in Faculty Development Programme**

Online faculty development Programme on research methodology and pedagogy for tertiary education, organized by Dr. N.G.P. Arts and Science College, Coimbatore, 15-Jun-21 to 21-Jun-21.

Online Certificate course on Digital teaching techniques, organized by ICT Academy from 10-Aug 20 to 15 -Aug 20.

One Week FDP Programme on BioPython, Dr. N.G.P. Arts and Science College, Coimbatore, 04-May-20 to 10-May-20.

One Week FDP Programme on Quality Initiatives In Higher Education, Dr. N.G.P. Arts and Science College, Coimbatore, 13-Apr-20 to 20-Apr-20

Teaching Learning Enhancement, Dr.NGP.Arts and Science, Coimbatore, 11-Nov-19 to 20-Nov-19.

NAAC accreditation framework and OBE assessment, Dr.NGP.Arts and Science, Coimbatore, 27 May-19 to June 02-19.

Quality measures in Higher Education, Dr.NGP.Arts and Science, Coimbatore, 3-Dec-18 to 9-Dec-18.

## **Conference / Seminar / Workshop Organized**

Committee member, International workshop on Health Risk Assessment of Nanoparticles, Dr.NGP.Arts and Science, Coimbatore, 5-Dec.18 to 7-Dec-18.

Committee member, National Conference on Futuristic Approaches in Transformation of Bioscience Research - (FATBR- 2020), Dr. N.G.P. Arts and Science College, Coimbatore, 06- Mar- 20 to 07-Mar- 20.

Organizing Secretary, National workshop on Bid Data Analytics in Clinical Research, Dr.NGP.Arts and Science, Coimbatore, 18 Mar -21 - 19 Mar -21.

## **Invited Speaker / Session Chair- Conference / Seminar / Workshop**

Session Chair, Workshop on Health Risk Assessment of Nanoparticles, DAAD sponsored, Dr.N.G.P. Arts and Science College, Coimbatore, 5-Dec-18 to 7-Dec-18.

## **Member in BoS: Member**

**Awards / Honors**

<b>Awards / Honors</b>	<b>Agency / Institute</b>	<b>Year of Award</b>
Best Teacher	Dr.N.G.P.Arts and Science College, Coimbatore	2020
Best Mentor	Dr.N.G.P.Arts and Science College, Coimbatore	2020