

Curriculum Vitae

Dr. G. Latha

Assistant Professor(SL. G) & HOD i/c Department of Chemistry

PSG Institute of Technology & Applied Research

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Educational details:

Degree	Field of study	University/ Institution	Duration	Result
Ph.D	Polymer Chemistry	Anna University	2009-2016	Commended
M.Phil	Organic Chemistry	Bharathiar University	1998-1999	I Class
M.Sc.	Applied Chemistry	Coimbatore Institute of Technology	1996-1998	I Class
B.Sc.	Chemistry	P.S.G.R.Krishnammal College for Women	1993-1996	I Class

Ph.D Thesis Title : Synthesis and Characterization of Cardo polyesters and poly(etherester)s containing 1,1-bis(4-hydroxyphenyl)cyclohexane in the main chain.

Research Supervisor : Dr. S.C. Murugavel, Associate Professor, PSG College of Technology, Coimbatore.

M.Phil Thesis Title : Studies in the Synthesis of some Isoxazoles and their Antibacterial Studies.

Research Supervisor : Dr. S.P. Rajendran

Professional Experience:

2016-till date Assistant Professor (Sele. Grade) & HOD i/c , PSG Institute of Technology & Applied Research, Coimbatore.

2010 –2016 Assistant Professor, Hindusthan College of Engineering & Technology & Coimbatore.

2000 – 2010 Lecturer, Hindusthan College of Engineering & Technology & Coimbatore.

Experience in academic responsibilities:

- Incharge of department exam cell & Anna University exam cell
- ISO coordinator
- Department ISO incharge
- Department Time Table incharge
- Chemistry Department Incharge
- Incharge of Chemistry Laboratory
- Course coordinator
- Class Advisor

Research Interest:

- Cardo Polymers
- Flame Retardant Polymers

Publications in International Journals:

1. Latha, G & Murugavel, SC 2016, 'Synthesis and Characterization of Cardo Poly(ether-ester)s containing 1,1-bis(4-hydroxyphenyl) cyclohexane in the main chain', Polymer Bulletin (Springer) Vol 28(10),pp.1218-1227.
2. Latha, G Natrajan, M, & Murugavel, SC 2015, 'Synthesis and characterization of cardo based phosphorous containing flame retardant aromatic polyesters', High Performance Polymers (Sage Publication), Vol 23(11),pp.3237-3253,2016.
3. Latha, G, Natrajan, M, Balaji, K & Murugavel, SC 2014, 'Synthesis, spectral and thermal characterization of polyester derived from 1,1-bis(4-hydroxyphenyl)cyclohexane' High Performance Polymers (Sage Publication), Vol.26, no.2, pp.125-134.

Paper presentation in Conferences/Seminars:

1. Latha, G 2013, presented a paper in the National Conference on 'Advanced Materials for the emerging technologies (CAMET-2013)', Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, India.
2. UGC Funded National Seminar on Traditional and Modern Medicine: Current Trends and Future Prospects, Organized by Department of Chemistry, Nirmala College for Women, Coimbatore on 25th February 2011.

Conference/symposium/seminar/Workshop attended:

- Participated in two days TEQIP-II sponsored Workshop on Polymeric Materials-Characterization and Applications organized by Department of Chemistry, Coimbatore Institute of Technology, Coimbatore during 29-30th November 2013.
- Third National Conference on Recent Trends in Polymer Science and Technology (NCRTPST –2011), Organized by Department of Chemistry, PSG College of Technology, Coimbatore on 27- 29th August 2011.
- National level Seminar on Current developments in Chemistry, at Bharathiar University, Coimbatore on December, 2-3, 2010.
- One- day Seminar on Industrial Chemistry at P.S.G.R.Krishnammal College for Women, Coimbatore.
- One-day Workshop on Environmental Pollution and Awareness, Sponsored by AICTE, New Delhi, at Tamil nadu College Of Engineering, Coimbatore.
- Workshop on Spectroscopy and its Applications by Indian Academy of Sciences, at Kongunadu Arts and Science College, Coimbatore.

Membership details:

- Life Member in Indian Society for Technical Education (MISTE)