

Faculty Vitae

Name of the Faculty					
Dr.S.NATHIYA					
Education					
	Degree	Discipline	Institution	Year	
UG	B.Sc	Microbiology	Auxilium College for Women, Thiruvalluvar University, Vellore	2006	
PG	M.Sc	Biotechnology	Mother Teresa Women's University, Department of Biotechnology, Kodaikanal	2008	
Others	M.Phil	Biotechnology	Avinashilingam University for Women, Department of Biotechnology, Coimbatore	2009	
PhD	Ph.D	Nanobiotechnology	Anna University, Chennai	2016	
Academic experience					
Institution		Title	From	To	FT/PT
Bharath Institute of Higher Education & Research		Professor	July 2017	Till Date	FT
Certifications or professional registrations					
Membership in professional organizations					
Honors and awards					
<ul style="list-style-type: none"> • Received <i>DST-Inspire Fellowship (Senior Research Fellow)</i> from DST-NEW DELHI for having secured university first rank in the post graduate examination to pursue Philosophy of Doctorate. • Received an <i>Endowment Award</i> from Auxillium College for excellent performance and for having secured highest marks in the UG degree Examination. • Received <i>Thiru R. Mahadevan Endowment Award</i> for having secured highest marks in M.Sc Biotechnology. • Received <i>General Proficiency</i> in UG degree Examinations in Auxilium College for Women, Vellore. 					

- Received *Rolling Cup for the best outgoing student* in the Department of Microbiology in Auxilium College for Women, Vellore.
- Received *Second prize* in Poster presentation on *AIDS Awareness* held at Auxillium College, Vellore.
- Received *First prize in Quiz Competition* held at Auxillium College, Vellore.
- Participated in *Environmental Science Exhibition* and received *first prize* for the presentation of Models.
- Received *First prize in Best Assignment of 2005* in Department of Microbiology in Auxilium College for Women, Vellore.
-

Service activities (within and outside of the institution)

NSS - National Service Scheme

- Participated in the ten days special camping programme – NSS on the Theme *Healthy Youth for Healthy India* organized in the village Attuvampatti from 26th January to 7th February 2007.

List of Publications

S. No.	Author/Title	Journal	Year	Vol
1.	S. Nathiya, M. Durga, A. Raja Sekar, T. Devasena . Evaluation of cytotoxicity, oxidative stress, nuclear changes and pro-inflammatory cytokines induced by monocrotophos in human keratinocyte cells <i>in vitro</i>	International journal of pharmacy and pharmaceutical sciences	2015	7(1)
2.	S. Nathiya, M. Durga, T. Devasena. Therapeutic role of <i>Trigonella foenum-graecum</i> [Fenugreek] – A Review	International journal of pharmaceutical sciences review and research	2014	27(2)
3.	S. Nathiya, M. Durga, T. Devasena. Quercetin, encapsulated quercetin and its application-A review	International journal of pharmacy and pharmaceutical sciences	2014	6(10)

4.	S. Nathiya, M. Durga, T. Devasena Preparation, physicochemical characterization and biocompatibility evaluation of quercetin loaded chitosan nanoparticles and its novel potential to ameliorate monocrotophos induced toxicity	Digest journal of nanomaterials and biostructures	2014	9(4)
5.	Durga M, Nathiya S, Devasena T. <i>In vitro</i> evaluation of cytotoxicity, oxidative stress, DNA damage and inflammation induced by diesel exhaust particles in human a549 lung cells and murine RAW 264.7 macrophages	International journal of pharmacy and pharmaceutical sciences	2014	6(13)
6.	Durga M, Nathiya S, Devasena T. Protective role of fenugreek leaf extract and quercetin against petrol exhaust nanoparticle induced lipid peroxidation and oxidative stress in rat erythrocytes <i>in vitro</i>	Asian journal of pharmaceutical and clinical research	2014	8(1)
7.	Durga M, Nathiya S, Devasena T. Multifarious actions of dietary flavonoids – implications in cancer and cataract	International journal of pharma and biosciences	2014	5(2)
8.	Durga M, Nathiya S, Devasena T. Immunomodulatory and antioxidant actions of dietary flavonoids	International journal of pharmacy and pharmaceutical sciences	2014	6(2)
9.	Durga M, Nathiya S, Devasena T. Ameliorating effect of <i>Trigonella foenum-graecum</i> L. (Fenugreek) against diesel and petrol exhaust nanoparticle induced toxicity in H9c2 cells	Research journal of chemistry and environment	2014	18(12)
10.	Durga M, Nathiya S, Rajasekar A And Devasena T. Effects of ultrafine petrol exhaust particles on cytotoxicity, oxidative stress generation, DNA damage and inflammation in human A549 lung cells and murine RAW 264.7 macrophages	Environmental toxicology and pharmacology	2014	38
	S. Nathiya, AC. Pradeepa, T. Devasena and K. Senthil. Studies on the effect of sucrose,	Journal of Animal and Plant Sciences	2013	23(5)

11.	light and hormones on micropropagation and <i>in vitro</i> flowering of <i>withania somnifera</i> var. <i>Jawahar-20</i>			
12.	S. Nathiya, T. Devasena, G. Dhinakar raj, A. Rajasekar and D.Vijayalakshmi. Identification of microbial diversity in caecal content of broiler chicken	African Journal of Microbiology Research	2012	6(2)
13.	Nathiya. S, Santhi. N and Kalaiselvi Senthil. A Comparative Study on Ontogenic Expression of Secondary Metabolites in <i>Withania somnifera</i> leaves.	International research Journal of Pharmacy	2012	3(1)
Recent professional development activities				