



### Profile of Dr.R.Nirmaladevi

- (i) **Designation : Assistant Professor in Biochemistry**  
(ii) **Department: Biochemistry, Biotechnology and Bioinformatics**  
(iii) **Qualification : M.Sc, M.phil., Ph.D**  
(iv) **Experience : 16 years**  
(v) **Specialization : Medicinal plants Research in Leukemia and Lithiasis**  
(vi) **Email id : [nirmaladevisaravanan32@gmail.com](mailto:nirmaladevisaravanan32@gmail.com) Mobile no. (optional):9976152000**  
(vii) **Research Guidance:**

	<b>M.Phil</b>	<b>Ph.D</b>
<b>Degree Awarded</b>	<b>6</b>	<b>2</b>
<b>Guiding</b>	<b>-</b>	<b>4</b>

(viii) **Publications**

<b>Category</b>	<b>Total</b>	<b>For the period 2013-2018</b>
<b><a href="#">International journals</a></b>	<b>21</b>	<b>8</b>
<b>National and in house publications</b>	<b>5</b>	<b>0</b>

(ix) **Sponsored projects:**

<b>Title of the Project</b>	<b>Funding Agency</b>	<b>Duration</b>	<b>Total Amount in Rupees</b>
<b>Evaluation of antilithiatic potential of Banana Corm Extract of Sannachenkadali, Monthan and Virupakshi Cultivars</b>	<b>TNSCST</b>	<b>6 months - 2014</b>	<b>Rs. 7,500/-</b>

(x) **Details of the Projects (2013- 2018)**

<b>Title of the Project</b>	<b>Funding Agency</b>	<b>Duration</b>	<b>Total Amount in Rupees</b>
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Pharmacological Response of Herbal Formulations in the Management of Acute Lymphoblastic Leukemia using molt-3 cell lines	Avinashilingam Institute for Home Science and Higher Education for Women - Inhouse	4 months – 01.12.2016 to 31.03.2017	Rs. 20,000/-
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(xi) **Seminars/Conferences/Workshops organized (2013 -2018) : 7**

(xii) **Seminars/Conferences/Workshops attended: 29**

(xiii) **Awards/achievements/recognitions: 1**

(xiv) **Invited talks (2013 – 2018): 6**

(xv) **Visits abroad (2013 – 2018): Malaysia and Indonesia**

(xvi) **Additional responsibilities (2013 – 2018)**

1. Staff- in- charge for **Advance Research laboratory** from Sep, 2016 to till date.

2. Staff –in-charge for the **Association of Biochemistry, Biotechnology and Bioinformatics** (2017-2019)

3. **Member Secretary, Institutional Animals Ethics Committee** of Avinashilingam Institute for Home Science and Higher Education for Women from 01.12.2017.

## 2. Publications

[Five best papers have been marked with ‘\*’]

S.No	Authors	Title of the Article	Name of the Journal, Vol. Year, page No	ISSN No. and Impact Factor
<b>a) International Journal Publications: 15</b>				
1. *	Ganapathy T Iswariya, Biswaranjan Paital, Padma R Padma, <u>Ramalingam Nirmaladevi</u>	microRNAs: Epigenetic players in cancer and aging	Frontiers In Bioscience, Scholar, 11, 29-55, March 1, 2019  10.2741/S525 Volume 11   January 1, 2019 Issue 3 Pages 1-11.	ISSN online 1945-0524 Impact factor – 2.6
2.	Iswariya, G.T., Padma, P.R. and Nirmaladevi, R.	<i>In vitro</i> evaluation of antileukemic activity of the methanol extract of <i>Citrus limetta</i> , <i>Citrus sinensis</i> pulp and Naringenin	Int.J.Res.Rev.P harm.Appl.Sci., 8(1) 055-068, 2018	(ISSN – 2249 – 1236).

3.	Nithya Devi, M., Iswariya, G.T., Padma, P.R. and Nirmaladevi, R.	A Study on Phytochemical analysis and Cytotoxic activity of Ethanollic extract of <i>Annona muricata</i>	International Journal of Applied and Advanced Scientific Research, 2(2) 2017	(ISSN – 2456- 3080)
4. *	Iswariya, G.T., Suganya, V., Padma, P.R. and Nirmaladevi, R.	Cytotoxic effect of <i>Citrus limetta</i> and <i>Citrus sinensis</i> on Molt-3 cell line,	International J. of Pharmaceutical Sciences Review and Research (2016)	(ISSN – 0976 – 044x)
5.	Shri nidhi Rai, T, Kalpana.S, and Nirmaladevi.R.	Evaluation of selected medicinal plants for its antilithiatic potential under <i>in vitro</i>	<i>Am. J. Pharm. Health Res.</i> , 2014, 2, 203- 212	eISSN:2321- 3647 0.69
6.	Kalpana.S, Shri nidhi Rai, T and Nirmaladevi.R.	Effect of <i>Tridax procumbens</i> extract on calcium oxalate crystallization under <i>in vitro</i> conditions	<i>Adv. App. Sci. Res.</i> , 2014, 5, 411-416	0976-8610 0.42
7.	Kalpana.S, Nirmaladevi.R, Shri nidhi Rai, T and Karthika.P	Inhibition of calcium oxalate crystallization <i>in vitro</i> by extract of banana cultivar Mothan	<i>Int. J. Pharm. Pharm. Sci.</i> , 2013, 5, 649- 653	0975-1491 0.91
8.	Nirmaladevi, R., Chitra, P. and Padma, P.R.	Assessment of free radical scavenging activity and anticancer potential of the TLC separated fractions of <i>Rhinacanthus nasutus</i> root extracts	<i>Res. J. Biotech.</i> , 2012, 7, 27-31	0973-6263, eISSN: 2278- 4535 0.143
9.	Nirmaladevi, R., ShrinidhiRai and Padma, P.R.	Response evoked by <i>Rhinacanthus nasutus</i> leaf extract on etoposide- induced apoptotic events	<i>J. Pharm. Res.</i> , 2012, 5, 4399- 4403	0974-6943 2.507
10.	Nirmaladevi, R., Kalpana, S., Kavitha, D. and Padma, P.R.	Evaluation of antilithiatic potential of <i>Hibiscus rosa-sinensis</i> Linn. <i>in vitro</i>	<i>J. Pharm. Res.</i> , 2012, 5, 4353- 4356	0974-6943 2.507
11.	Nirmaladevi, R. and Padma, P.R.	Free radical scavenging activity of <i>Rhinacanthus nasutus</i> leaves against oxidative damage induced under <i>in vitro</i>	<i>Adv. Pl. Sci.</i> , 2011, 24, 9-12	0970-3586 2.700

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12. *	Nirmaladevi, R., Padma, P.R. and Kavitha, D.	Analysis of the methanolic extract of the leaves of <i>Rhinacanthus nasutus</i>	<i>J. Med. Pl. Res.</i> , 2010, 4, 1554-1560	1996-0875 0.590
13.	Kavitha, D and Nirmaladevi, R.	Evaluation of <i>Aristolochia bracteolata</i> leaf extracts for its antibacterial and antifungal activity	Advances in Plant Sciences, 2009, 22 (II), 407-409	0970-3586 2.700
14. *	Kavitha, D and Nirmaladevi, R.	Assessment of <i>Aristolochia bracteolata</i> leaf extracts for its biotherapeutic potential	African Journal of Biotechnology, 2009, 8 (17), 4242-4244	1684-5315 0.573
15.	Nirmaladevi, R and Vasuki, D.	Effect of <i>Rhinacanthus nasutus</i> extracts on the non-enzymic antioxidant status of oxidant induced goat liver slices	Asian Journal of Bioscience, (2009) 4(II), 149-152	0973-4899 Nil

**b) National Journal Publications: 4**

16.	Nirmaladevi, R and Shankar, S	Bioconversion of cellulose into fermentable sugars by <i>Saccharomyces cerevisiae</i> cells for the production of ethanol using Cellulolytic fungi isolated from soil	The internet Journal of Microbiology, (2009) 7 (2). Online	1937-8289 3.358
17.	Nirmaladevi, R and Padma, P.R	A study on the antioxidant potential of the four under-exploited plants of medicinal value	Plant Archives, (2008), 8(1), 339-341	0970 – 3586 2.700
18.	Sivaprabha, J., Supriya, S., Sumathi, S., Padma, P.R., Nirmaladevi, R and Radha, P	A study on the levels of non-enzymic antioxidants in the flowers of <i>Clitoria ternatea</i>	Ancient science of life, XXVII, (2008), 28-32	0257-7941 Nil
19.	Saroja, S and	Antioxidant levels in	Journal of	

	Nirmaladevi, R	<i>Cyprinus carpio</i> reared in textile effluent	Eco-physiology, (2001), 4(1-2)5-8	
<b>c) In-house Publications: Nil</b>				
<b>d) Full-length Articles in Proceedings: 2</b>				
1.	Iswariya, G.T., Padma,P.R. and Nirmaladevi, R.	Analysis of <i>Citrus limetta</i> and <i>Citrus sinensis</i> peel for their phytoconstituents	International Conference on “Herbal and Natural Components as the Future of Pharmacology” and 7 <sup>th</sup> Annual meet of the National Society of Ethnopharmacology” Sponsored by Ministry of AYUSH, UGC, CSIR and NSE, India. 27 <sup>th</sup> Feb to 1 <sup>st</sup> mar, 2017.	ISBN- 978-93-84234-04-1 Laser Park Publishing House, Coimbatore
2.	Kavitha, M., Iswariya, G.T., Padma,P.R. and Nirmaladevi, R.	<i>In vitro</i> antioxidant activity and Phytochemical analysis of <i>Citrus limetta</i> and <i>Citrus sinensis</i>		
<b>e) Books / Chapters in Books / Books Edited: 1 Book and 2 chapters in books</b>				
20.	Paital, B and Ramalingam Nirmaladevi, R	Cross talk between cancer and aging via common miRNAs, - Targetting miRNA in cancer and Aging,	LAMBERT Academic Publishing, Omni Scriptum Publishing Group, 2018	ISBN : 978-613-9-94005-9
21.	Nirmaladevi, R	Therapeutic Uses of Fermented Food products	Fermented Food Products CRC Press, Taylor and Francis Group	<b>In PRESS</b>
22.	Saroja, S and <b>Nirmaladevi, R</b>	Effect of Textile Processing Effluent on the Non-enzymic antioxidant levels of <i>Cyprinus carpio</i>	Environment, Pollution and management, (2003), 345. APH Publishing	ISBN no: 81-7648-419-9

### 3. International / National Conferences / Seminars / Workshops

S.No	Author	Name of the Conference	Sponsor	Organizer	Date
<b>a) Only attended:</b>					
1.	Nirmaladevi, R	Attended BIO-INNOVAtn 2018,	Entrepreneurship Development and Innovation Institute, Chennai	Tamil Nadu Agriculture University, Madurai and Entrepreneurship Development and Innovation Institute, Chennai	11 <sup>th</sup> Jan, 2018
2.	Nirmaladevi, R	Attended a course in Flow Cytometry Basics	BD Biosciences	BD-JH FACS Academy, New Delhi	5-7 Dec, 2016
3.	Nirmaladevi, R	Two days Conference on Higher Education for Digital Natives	CII, Sri Krishna and RVS Institutions, Cbe	Confederation of Indian Industry, Coimbatore Zone.	2 <sup>nd</sup> and 3 <sup>rd</sup> Dec, 2016.
4.	Nirmaladevi, R	Two days National Workshop on “New Synthetic Approaches for Drugs and Drug Intermediates”	JSS University, Mysore	Dept of Pharmaceutical Chemistry, JSS College of Pharmacy, Ooty	19 <sup>th</sup> and 20 <sup>th</sup> Feb, 2016.
5.	Nirmaladevi, R	Hands-on Training on Chromatography System	GE Health care Life Sciences	Avinashilinagam University	6 <sup>th</sup> & 7 <sup>th</sup> Mar, 2014
6.	Nirmaladevi, R	Preconference workshop and 2 <sup>nd</sup> National Conference of Forum for Ethics Review Committees in India (FERCI)	FERCI	PSG Institute of Medical Sciences and Research, Coimbatore	7 <sup>th</sup> -9 <sup>th</sup> Nov, 2013
7.	Nirmaladevi, R	Two National Workshop on “Applications of Soft Computing Techniques for Problems in Bioinformatics”	TNSCST	Anna University of Technology, Coimbatore	24 <sup>th</sup> & 25 <sup>th</sup> March 2011

8.	Nirmaladevi, R	Quality Enhancement in Higher Education	IQAC	Avinashilingam Institute for Home Science and Higher Education for Women	18 <sup>th</sup> Mar, 2010
9.	Nirmaladevi, R	One day Workshop on "Sensitization of UGC Norms for Promotion and Recruitment of University Teachers (XI Plan Regulations)		Avinashilingam Deemed University for Women	30 <sup>th</sup> Nov, 2010
10.	Nirmaladevi, R	Second platinum jubilee meeting of the academy	National Academy of Sciences	Indian Institute of Science, Bangalore	11 <sup>th</sup> – 14 <sup>th</sup> Dec, 2009.
11.	Nirmaladevi, R	Biotech Institute-Industry partnership for Education and Training	DBT and CSIR	Bannari Amman Institute of Technology	4 <sup>th</sup> & 5 <sup>th</sup> Apr, 2008
12.	Nirmaladevi, R	Stakeholders Dialogue in Biotechnology		Kumaraguru College of Technology, Coimbatore	28 <sup>th</sup> Feb, 2002
13.	Nirmaladevi, R	Recent trends in Industrial Biotechnology		Kumaraguru College of Technology, Coimbatore	27 <sup>th</sup> and 28 <sup>th</sup> Jan, 2005
14.	Nirmaladevi, R	Product training of Sigma plot 9.0 and sigma stat 3.1	Crane's software International Limited	Avinashilingam University	15 <sup>th</sup> Nov, 2005
15.	Nirmaladevi, R	Biomolecular Behaviour and Computing	UGC	PSG College of Arts and Science, Coimbatore	6 <sup>th</sup> and 7 <sup>th</sup> Jan, 2003
16.	Nirmaladevi, R	Emerging trends in Energy and Environment	-	Karpagam Arts and Science College	27 <sup>th</sup> Jul, 2001
17.	Nirmaladevi, R	Transgenesis	SBC	Avinashilingam University	12 <sup>th</sup> Feb, 2001
18.	Nirmaladevi, R	Symposium on Bioinformatics		Avinashilingam University	17 <sup>th</sup> Dec, 1999
19.	Nirmaladevi, R	Symposium on Women and Menopause		Avinashilingam University	21 <sup>st</sup> Sep, 1999

20.	Nirmaladevi, R	Symposium on Recent Trends in Immunology		Avinashilingam University	28 <sup>th</sup> and 29 <sup>th</sup> Jan, 1998
<b>b) Paper Presented (Papers not in proceedings): Nil</b>					
<b>c) Abstract in proceedings (As presenting Author)</b>					
21.	Nirmaladevi Ramalingam	“Evaluation of Multicomponent synergy and pharmacological response of herbal formulations in the management of Leukemia”	International Conference on Green Agro-Industry and Bioeconomy	University of Brawijaya, Malang, Indonesia	24 <sup>th</sup> to 25 <sup>th</sup> Oct, 2017
22.	Shrinidhi, T and Nirmaladevi, R as a <b>conference speaker</b>	“ <i>In vitro</i> and <i>in vivo</i> Evaluation of Antilithiatic Potential of Sannachenkadali Corm Extract”	2 <sup>nd</sup> Herbal World – Global Exhibition and Conference 2014	Convention Centre (KLCC), Kuala Lumpur Malaysia	26 <sup>th</sup> Sep to 28 <sup>th</sup> Sep, 2014
23.	Iswariya, G.T., Padma, P.R. and <b>Nirmaladevi, R</b>	XIII Annual Meeting of Society for Free radicals Research – India- Recent Trends in Free Radical and Antioxidant Research <i>Influence of naringenin on etoposide induced apoptotic events in PBL</i>	<b>SFRR</b>	SFRR, Lonavala, Mumbai	27 <sup>th</sup> to 30 <sup>th</sup> Jan, 2014
24.	<b>Nirmaladevi, R.</b> , Iswariya, G.T. and Padma, P.R.	83 <sup>rd</sup> Annual session of the National Academy of Sciences, India – Space for Human Welfare <i>Influence of Rhinacanthus nasutus leaf extract on etoposide induced apoptotic events in peripheral blood lymphocytes</i>	National Academy of Sciences	Goa University, Goa	3 <sup>rd</sup> to 8 <sup>th</sup> Dec, 2013
25.	<b>Nirmaladevi, R.</b> and Padma, P.R.	31 <sup>st</sup> Annual Convention of the Indian Association for Cancer Research and International Symposium	IACR	ACTREC, TATA Memorial Centre, Navi Mumbai	26 <sup>th</sup> to 29 <sup>th</sup> Jan, 2012



		on “Cancer genomics and its impact in the clinics <i>Rhinacanthus nasutus</i> evoked differential response against etoposide induced apoptosis <i>in vitro</i>			
26.	<b>Nirmaladevi, R.</b> and Padma,P.R.	International Conference and 10th Annual Meeting of SFRR, India on “Recent trends in Therapeutic advancement of free radical science Influence of <i>Rhinacanthus nasutus</i> leaf extracts on etoposide induced apoptosis in primary cultured chick embryo fibroblasts and Hep2 cells	SFRR	Bharathi Womens College, Chennai,	9 <sup>th</sup> to 11 <sup>th</sup> Jan, 2011
27.	<b>Nirmaladevi, R.</b> and Padma,P.R.	International Conference on “Herbs and Herbo-Mineral Formulations Protective effect of the TLC eluted fractions of <i>Rhinacanthus nasutus</i> on the oxidative damage to biomolecules	SFRR	SASTRA University, Tanjavur	6 <sup>th</sup> and 7 <sup>th</sup> Feb, 2010
28.	<b>Nirmaladevi, R.</b> and Padma,P.R.	International Conference on “Natural Products in Health and ISARCON-2008 Phytochemical analyses of the methanolic extract of the leaves of <i>Rhinacanthus nasutus</i>	Indian society for Therosclerosis research	Annamalai university, Chidambaram	8 <sup>th</sup> -10 <sup>th</sup> Dec, 2008
29.	Nirmaladevi, R. and Padma,P.R.	Biospectrum 07” an International Symposium on “Advances in Food Biotechnology and Nutrition Free radical scavenging ability of <i>Rhinacanthus nasutus</i> leaves against oxidative damage induced under <i>in vitro</i> conditions		Mar Athanasios College for Advanced Studies, Tiruvalla.	30 <sup>th</sup> Nov and 1 <sup>st</sup> Dec, 2007
30.	Nirmaladevi, R. and Padma,P.R.	National Symposium on Recent Trends in the	Society of	Avinashilingam University	15 <sup>th</sup> Dec, 2006

		Research and management of Cancer Assessment of the Antioxidant Potential of four under-exploited plants of medicinal value	Biological Chemists		
31.	Nirmaladevi, R. and Padma,P.R.	International conference on Ethnopharmacology and Alternative medicine A Study on the Antioxidant potential of four under-Exploited plants of medicinal value	National Society of Ethnopharmacology	Amala Cancer Research Center, Thrissur	20 – 22 <sup>nd</sup> Jan, 2006
32.	Nirmaladevi, R. and Padma,P.R.	International conference on Biotechnology – Promises and Realities Validating the antioxidant effects of <i>Rhinacanthus nasutus</i> and <i>Crataeva magna</i> against oxidant induced goat liver slices		PSGR Krishnammal College for Women, Coimbatore	14 <sup>th</sup> and 15 <sup>th</sup> July, 2006
<b>d) Abstract in proceedings (As supervising Co-author):</b>					
33.	Iswariya. G.T, Padma.P.R and Nirmaladevi. R,	International conference on Modern Progress in Biotechnology, <i>In silico</i> analysis of anticancer and epigenetic modulating activity of dietary components,	TEQIP II & DBT	BIT Campus, Anna University Trichy	9th and 10th Oct,2014
34.	Kalpana, S., Shrinidhi, T.,Padma,P.R. and Nirmaladevi, R	XIII Annual Meeting of Society for Free radicals Research – India- Recent Trends in Free Radical and Antioxidant Research <i>Evaluation of antioxidative and antilithiatic potential of banana cultivars Sannachenkadali (AA) in vivo</i>	SFRR	SFRR Lonavala, Mumbai	27 <sup>th</sup> to 30 <sup>th</sup> Jan, 2014
35.	Shrinidhi, T., Kalpana, S., Padma,P.R. and Nirmaladevi, R	XIII Annual Meeting of Society for Free radicals Research – India- Recent Trends in Free Radical and Antioxidant Research	SFRR	SFRR Lonavala, Mumbai	27 <sup>th</sup> to 30 <sup>th</sup> Jan, 2014

		<i>Evaluation of Aerva lanata flower extracts for its antilithiatic potential and antioxidative potential in vitro</i>			
36.	<b>Kalpana, S., Shrinidhi, T., Padma, P.R. and Nirmaladevi, R</b>	4 <sup>th</sup> IndoKorean Conference on Integrative Bioscience Research – Opportunities and Challenges <i>In vitro</i> evaluation of antilithiatic potential of <i>Hibiscus rosasinensis</i> Linn		Avinashilingam University for Women	10 <sup>th</sup> and 11 <sup>th</sup> , Feb, 2012
37.	<b>Shrinidhi, T., Padma, P.R. and Nirmaladevi, R</b>	4 <sup>th</sup> IndoKorean Conference on Integrative Bioscience Research – Opportunities and Challenges Influence of TLC eluted fractions of <i>Rhinacanthus nasutus</i> leaf and root on etoposide induces apoptosis <i>in vitro</i>		Avinashilingam University for Women	10 <sup>th</sup> and 11 <sup>th</sup> , Feb, 2012
38.	<b>Vasuki, D., Nirmaladevi, R and Padma, P.R.</b>	Indo-Korean Joint Seminar Biosciences Research in the Era of Globalisation  Effect of <i>Rhinacanthus nasutus</i> leaf extracts on the non-enzymic antioxidant status of oxidant induced goat liver slices		Avinashilingam University for Women	14 <sup>th</sup> Oct, 2008
39.	<b>Sabitha, R., Nirmaladevi, R and Padma, P.R</b>	National Symposium on Recent Trends in the Research and Management of cancer  Assessment of the Antioxidant Potential of Four Under-Exploited plants of Medicinal Value		Avinashilingam University for Women	15 <sup>th</sup> Oct, 2006

#### 4. Refresher Courses / Orientation Courses / Training Programmes / Equivalent attended

1. Participated in one day seminar on Advanced separation and detection on 6<sup>th</sup> Sep, 2018 organised by Agilent technologies at The Residency, Coimbatore.
2. Participated in the National Level Faculty Development program on “ Entrepreneurship-INITIATE and IGNITE” (Under DST-NIMAT project 2018-2019) held at Avinashilingam Institute for Home Science and Higher Education for Women between 17<sup>th</sup> and 29<sup>th</sup> Sep, 2018.
3. Participated in the BD Horizon Program for the multicolor experimental design on flow cytometry conducted at NCBS, Bangalore on 27<sup>th</sup> April, 2017.
4. Attended Science Academies’ Refresher Course on Genetics and Molecular Biology organized by Indian Institute of Science, Bengaluru from 16<sup>th</sup> to 29<sup>th</sup> Jan, 2017 sponsored by Indian Academy of Sciences, Bengaluru.
5. Attended Refresher Course for Life Sciences (Interdisciplinary) at UGC Academic Staff College, Bharathidasan University, Trichy from 18.07.2014 to 07.08.2014
6. Attended NSS Orientation programme at Empanelled training Institute, Avinashilingam University, Coimbatore from 20.09.2012 to 26.09.2012.
7. Attended 92<sup>nd</sup> Orientation programme at UGC Academic Staff College, Bharathiar University, Coimbatore from 08.05.2012 to 04.06.2012
8. Attended a Refresher course on Animal Tissue Culture organized by Bharathi Vidhya Peet University, Pune and Sponsored by Indian Academy of Sciences, Bangalore; Indian National Science Academy, New Delhi; National Academy of Sciences, India, Allahabad from 11th May to 23rd May, 2009
9. Completed Faculty Development Program on Bioprocess Principles – BT1303 jointly organized by Bannariamman Institute of Technology, Sathyamangalam and Center for Faculty Development, Anna University, Chennai, from 29<sup>th</sup> May to 10<sup>th</sup> Jun, 2006.
10. Attended a Workshop on Bioinformatics for three days from 09.08.2004 to 11.08.2004 conducted by the Department of Biochemistry and Biotechnology, Avinashilingam University, Coimbatore.
11. Training at **National Institute of Immunology, New Delhi.**  
Techniques involved in Molecular Cloning and recombinant Technology and the project entitled “**Molecular cloning of clp gene**” was carried out in the Immunochemistry lab, under the guidance of Dr. Janendra K.Batra, for a period of 8 weeks (May – Jun, 2002).

12. Training at **Indian Institute of Science, Bangalore.**

Project entitled **Isolation and characterisation of N-terminal domain from a calcium-binding protein in *Entamoeba* species** was carried out in the department of Molecular Biophysics Unit, under the guidance of Dr. P. Balaram, for a period of 2 months (May – Jun, 1998).

13. Training at **Pasteur Institute of India, Coonoor, The Nilgiris.**

Observed vaccine production in various departments of the Institute for a period of 15 days from 24.02.1998 to 07.03.1998.

5. **Achievements (Chairperson / Resource Person / Invited Lectures)**

1. Delivered a lecture on “Basics on Flow Cytometry” in a three days workshop on Advanced Techniques in Biosciences Research from 10<sup>th</sup> to 12<sup>th</sup> Dec, 2018 at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore.
2. Delivered a Guest Lecture on “Animal Tissue Culture – an overview” in the Biology Department at Brawijaya University at Malang, Indonesia held on 25<sup>th</sup> Oct, 2017.
3. Delivered a lecture on ‘Phytochemical Screening and *in silico* analysis of bioactive compounds from *Citrus limetta* and *Citrus sinensis*’ at an International Conference on Translational Cancer Research 2015 -ICTCR 2015 “*Cutting Edge Science in Cancer Research*” from 14<sup>th</sup> – 16<sup>th</sup> December 2015.
4. Delivered a talk on “Role of naringenin in apoptosis and B cell proliferation in Chronic Lymphocytic Leukemia” in the International conference on “Herbal and Natural components as the Future of Pharmacology” Ministry of Ayush, UGC, CSIR and NSE, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore held from 27.02.2017 – 01.03.2017.
5. Delivered a lecture on “Animal Tissue Culture and its Applications” to the School toppers under the scheme “SEATS – INSPIRE INTERNSHIP OF DST.” Organized by SRM University, Chennai on 8<sup>th</sup> Jan, 2017.
6. Delivered a lecture on ‘Phytochemical Screening and *in silico* analysis of bioactive compounds from *Citrus limetta* and *Citrus sinensis*’ at an International Conference on Translational Cancer Research 2015 -ICTCR 2015 “*Cutting Edge Science in Cancer Research*” from 14<sup>th</sup> – 16<sup>th</sup> December 2015.
7. Acted as a resource person in the DST –CURIE Sponsored National Workshop on Techniques in Biotechnology and Molecular Biology – Analysis of Biological Molecules organised at Avinashilingam University for Women, Coimbatore from 20<sup>th</sup> to 25<sup>th</sup> January, 2014 and prepared a manual for the workshop participants.
8. Delivered a lecture on “Applications of Biotechnology” to the School toppers under the scheme “SEATS – INSPIRE INTERNSHIP OF DST.” Organized by PSGR Krishnammal College for Women, Coimbatore on 27.11.2012.
9. Delivered a lecture on “Animal Tissue Culture – an Overview” to the post graduate students of K.S.R College of Arts and Science, Tiruchengode on 30.12.2011.

10. Delivered a lecture on “Applications of Biotechnology” to the School toppers under the scheme “SEATS – INSPIRE INTERNSHIP OF DST.” Organized by Sree Saraswathi Thyagaraya College at Pollachi on 9<sup>th</sup> & 27<sup>th</sup> Nov, 2011.
11. Delivered a lecture on “Bioinformatics” to the students of M.Sc. Programmes in Biochemistry & Molecular Biology, Genomic Science and Animal Science at Central University of Kerala from 9th March to 11th March, 2011.
12. Delivered a lecture on “Staining methods and Cytotoxicity assay” in a DST-CURIE sponsored National Level Workshop on ‘Basics in Animal Tissue Culture and Phytochemical analysis’ organized by the Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam Deemed University for Women, from 29<sup>th</sup> to 4<sup>th</sup> December, 2010.
13. Delivered a lecture on “Pseudogenes” in a State level Seminar on “Beacon – Biotech” at Mahendra College of Arts and Science, Tiruchengode on 20th Feb, 2009.
14. Participated as an invited teacher in the second platinum jubilee meeting of the academy organized by the Indian Academy of Sciences, Bangalore at Indian Institute of Science campus, Bangalore from 11<sup>th</sup> – 14<sup>th</sup> December, 2009

## 6. **Membership in Professional Bodies**

1. Society of Biological Chemists, Life Member
2. Indian Academy of Sciences, Annual member

## 7. **Awards and Recognitions**

### 1. **Received NSS Best Programme Officer Award for the year 2013-2014**

2. Invited to attend a meeting of the **course writers for the Course-1**, ‘Basics of Life Sciences’ for Modular Programme in Bioinformatics on August 6, 2010 at Indra Gandhi National Open University, New Delhi.
3. Invited to attend a meeting of the **course writers for the Course-3 &4**, ‘Basics of Life Sciences’ for Modular Programme in Bioinformatics on 26th and 27<sup>th</sup>, October, 2010 at Centre for Bioinformatics, University of Kerala, Thiruvananthapuram.

## 8. **Any other relevant information**

### **Important Positions in the University:**

1. NSS Programme Officer from June 2012 to 2015
2. Youth Red Cross Programme Officer for the academic year (2012 to 2015)
3. **Staff- in- charge for CSS** for Post Graduate students of the department 2017-2019

## **Conferences / Seminars / Symposia / Workshops Organized:**

### **Organising Secretary**

1. Organised a special lecture cum Workshop on “College to Career” on 15.09.2017
2. Organised Biociencia 2K17 – an inter college meet on 5.10.2017
3. Organised a one day National Seminar on Current Approaches in Proteomics on 20<sup>th</sup> Dec, 2017 sponsored UGC, SBC and NABS.
4. Felicitations to meritorious Alumnae on 6<sup>th</sup> August, 2018

Served as an **Executive Committee Member** for the following conferences organized by the department

1. One Day Student Symposium on “Cutting Edges in Biotechnology” at Avinashilingam University for Women, Coimbatore on 26<sup>th</sup> Feb, 2014.
2. Satellite Conference of the Society for Free Radical Research and International Symposium on Free Radical Damage and Herbal antioxidants in Health and Disease sponsored by DST-CURIE, UGC and SFRR on 4<sup>th</sup> & 5<sup>th</sup> Feb, 2014 at Avinashilingam University for Women, Coimbatore.
3. DST-CURIE sponsored workshop on “Immunohistochemical and Immunocytochemical Analysis” on 13<sup>th</sup> to 18<sup>th</sup> Feb, 2012.
4. 4<sup>th</sup> Indo Korean Conference on Integrative Bioscience Research-Opportunities and Challenges organised on 10<sup>th</sup> and 11<sup>th</sup> Feb, 2012 at Avinashilingam University for Women, Coimbatore.
5. National Seminar on “Computational Biology” on 16<sup>th</sup> March, 2011 sponsored by UGC and Society of Biological Chemists organised at Avinashilingam University for Women, Coimbatore.
6. 3<sup>rd</sup> Indo-Korean Joint Seminar on Medicinal Plant Research sponsored by DST & Society of Biological Chemists organised on 23<sup>rd</sup> Feb, 2010 at Avinashilingam University for Women, Coimbatore.
7. International Seminar on “Research Methodology and Data Interpretation” on 28<sup>th</sup> Jan, 2010 sponsored by DST and Society of Biological Chemists organised at Avinashilingam University for Women, Coimbatore.
8. Indo-Korean Joint seminar on “Biosciences research in the era of globalization” on 14<sup>th</sup> Oct, 2008 sponsored by Society of Biological Chemists at Avinashilingam University for Women, Coimbatore.

9. International Symposium on “Public Health and Disease” on 20<sup>th</sup> Mar, 2008 sponsored by Society of Biological Chemists organised at Avinashilingam University for Women, Coimbatore.
10. Indo-Korean Joint seminar on “Secondary Metabolite Sources and Production Process” on 14<sup>th</sup> Feb, 2007 sponsored by Society of Biological Chemists at Avinashilingam University for Women, Coimbatore.
11. National Symposium on “Genome Projects – Prospects and Problems” on 1<sup>st</sup> Feb, 2006 sponsored by Society of Biological Chemists organised at Avinashilingam University for Women, Coimbatore.
12. Symposium on “Recent Trends in Biochemistry” on 23<sup>rd</sup> Mar, 2005 sponsored by Society of Biological Chemists organised at Avinashilingam University for Women, Coimbatore.
13. Symposium on A Journey down the Double Helix on 24<sup>th</sup> Feb, 2003 sponsored by Society of Biological Chemists organised at Avinashilingam University for Women, Coimbatore.
14. National Seminar on “Current Trends in Biological Sciences” on 12<sup>th</sup> and 13<sup>th</sup> Dec, 2002 at Avinashilingam University for Women, Coimbatore.
15. National Symposium on “Medicinal Plants” on 2<sup>nd</sup> and 3<sup>rd</sup> Nov, 2001 at Avinashilingam University for Women, Coimbatore

#### OUT REACH ACTIVITIES

#### Regular & Special Activities Done in the NSS

#### Unit No - 5

#### Department - Biochemistry / Biotechnology & Psychology

#### Name of the Programme Officer – Dr.R.Nirmaladevi

<b>S.No</b>	<b>Name of the Activity</b>	<b>Beneficiaries</b>	<b>Date</b>
	<b>SPECIAL</b>		
1.	Organised a Quiz Programme on “Breast Feeding”	150 students of the University participated in the Quiz	01.07.2012 & 06.08.2013



2.	Christmas celebration at Assissi Snehalaya, Care and Research Center for HIV/AIDS in Thirumalayampaalayam, Coimbatore	HIV infected inmates of the home (Men, Women and Children – 120)	22.12.2012
3.	<b>SEMINAR</b>  Breast Feeding awareness lecture were organised  Self Defense, Emergency Fire evacuation and Wild Life Conservation  Life Skills  Personality development & Social Awareness Lecture  Road safety awareness lecture	450 NSS volunteers	01.08.2012 4.01.2013 12.03.2013 07.08.2013 09.01.2014
4.	Competitions organized for villagers	60 Children and 40 women	02.10.2012
5.	Tree plantation in Govanur middle school	230 school children	28.09.2012

### **MEDICAL CAMP**

	Eye camp organized by NSS unit 5 and Vasan Eye care at Govanur middle School, Govanur	160	28.09.2012
	Eye camp for the tribal people at Palamalai organized by NSS unit 5 and Lotus Eye care	60	29.09.2012
	Health camp organized by NSS unit 5 and Tulsi Pharmacy at Govanur middle School, Govanur	130	30.09.2012
	Dental camp organized by NSS unit 5 and Vasan Dental care at Govanur middle school, Govanur	60	1.10.2012

	Eye Screening camp in the University Campus	900	14.03.2013 & 15.03.2013
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### SURVEY

	Survey done in the Govanur Village	No. of People	Date
	Illiterates & literates (Age group – 15 – 45) in the Govanur village	220 & 47	27.09.2012

### JATHA

	International day for Non-violence – Rally done by the students creating awareness about non-violence on Gandhi Jayanthi day in the village		02.10.2012
	<b>Awareness about Health &amp; Hygiene</b> Rally on Breast Feeding awareness in the adopted village – Govanur Rally from our University to Alagesan Road		07.08.2013

### SPECIAL LECTURES

	Motivation Lecture ‘Vetriyodu Vilayadu’ by Lakshmi Kanthan	140	30.09.2012
	Awareness about Leprosy	140	01.10.2012
	Energy conservation	140	01.10.2012
	Health and Hygiene for Women by Sathya Sai Institute	140	02.10.2012
	Disaster management lecture by Sathya Sai Institute	140	02.10.2012

## SKILL TRAINING PROGRAMME

	Fire safety Measures	180	02.10.2012
	Road Safety Measures	800	09.01.2014

## OTHER PROGRAMMES

	Training programme on Motivating the Youth for Rural Reconstruction	80	04.03.2014
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## ASSET CREATION

<b>UNIT NO</b>	<b>ASSETS</b>	<b>AMOUNT RS.P</b>
<b>5</b>	<b>MIKE SYSTEM MAKE – AHUJA</b>	<b>9,770/-</b>
<b>5</b>	<b>CONSTRUCTION OF STAGE IN MIDDLE SCHOOL AT GOVANUR</b>	<b>30,000/-</b>