

## Resume of Dr.B.VARALAKSHMI

### Dr. B.VARALAKSHMI

Assistant Professor,  
Department of Biochemistry,  
Shrimati Indira Gandhi College,  
Trichy-620002.

E-mail: [varalakshmisupraja@gmail.com](mailto:varalakshmisupraja@gmail.com)



#### EDUCATIONAL QUALIFICATION

Degree	Discipline	University	Year of Passing	Mark %
Ph.D	Biochemistry	MS Univ. Tirunelveli	2016	Commendable
M.Phil	Biotechnology	Bharathidasan Univ.Trichy	2004	75%
M.Sc	Biochemistry	ADU, Coimbatore	1990	80%
B.Sc	Biochemistry	Bharathiar Univ.Coimbatore	1988	75%
B.Ed	Chemistry	Annamalai Univ. Chidamparam	1996	60%
<b>Additional Qualification : “STATE LEVEL SCREENING TEST” (SLST)</b> for Lecturer ship in <b>Life Science</b> in 1990.				

#### TEACHING EXPERIENCE

POSITION	YEAR	DEPARTMENT	UG/PG	INSTITUTION
Head	1996-2005	Biochemistry	UG	Seethalakshmi Ramaswami College, Trichy.
Asst.Prof	2005-till date	Biochemistry	UG&PG	Shrimati Indira Gandhi College Trichy.
<b>Total Teaching Experience</b>		<b>UG - 23 years</b>	<b>PG - 14 years</b>	

#### RESEARCH EXPERIENCE

M.Phil Research Advisor –Bharathidasan University - Ref.No: 002032/RA/M.Phil/Biochemistry  
No. of M.Phil scholars produced : 4  
No. of M.Sc projects guided till date : more than 30

#### FUNDED PROJECT

1. Seed money of Rs.10, 000/- towards a minor project on “Antioxidant Responses Evoked *in vitro* by *Cinnamomum zeylanicum* Linn Bark” funded by The Management, Shrimati Indira Gandhi college.
2. Seed money of Rs 10,000/-, towards a minor project on “ Anti oxidant and anticancer efficacy of proanthocyanidins from *Cinnamomum zeylanicum* bark on hep-G2 cancer” funded by The Management, Shrimati Indira Gandhi college.

## Resume of Dr.B.VARALAKSHMI

### EXTENSION ACTIVITIES

Coordinator of Students' EXNORA (2008 to 2010) at Shrimati Indira Gandhi College, Trichy.  
NSS Program Officer from 2012 to 2013 at Shrimati Indira Gandhi College, Trichy.

### AREA OF SPECILISATON

Phytochemistry, Antioxidants and Antihepatotoxicity, Bioremediation of oil spills

### TECHNICAL SKILLS

Basic Computer Skills - MS office, Photoshop, SPSS package.  
Biochemical Techniques - Electrophoresis, Immunodiffusion, Chromatography (column, Thin layer),  
PCR, ELISA, Histopathology.

### CONFERENCES /WORKSHOPS/ SEMINARS ATTENDED & ORAL/POSTERS PRESENTED

Public health and waste management – UGC sponsored seminar  
National Conference on Bioinformatics (Presented a paper)  
International Conference on Food Processing 2010 (Presented a model)  
International Conference on Food Processing 2013 (Presented a poster)  
Phytocongress –ICMR Sponsored seminar (Presented a poster)  
Workshop on Electrophoresis and Immunological techniques, PCR and ELISA  
State Level Workshop on Statistical software -SPSS package, PCR  
State Level Workshop on “Histopathology in Cancer Diagnosis” “Laboratory Animal Handling”

**BOOK PUBLISHED** “*Cinnamomum zeylanicum*- A spicy Antioxidant”. LAMBERT Academic Publishing, Germany. ISBN: 978-3-659-71518-1.

**REVIEWER** in 1. Journal of Medicine and Medical Sciences 2. Indian Journal of Experimental Biology  
3.Chemistry Central Journal

### PUBLICATIONS IN JOURNALS

National : 1 International : 25 H index : 7 i10 index :6  
UGC/ Scopus indexed : 8

**LIST OF PUBLICATIONS IN UGC APPROVED JOURNAL/ SCOPUS INDEXED**

1. *In vitro* Biomolecular Protective Effect *Cinnamomum zeylanicum* Bark Extracts against Oxidative Damage” International Journal of Pharmacy and Pharmaceutical Sciences 2016; 8(7): 369-372. **Impact per publication 0.609. (SCOPUS)**. ISSN: 0975-1451.
2. *Cinnamomum zeylanicum* Linn. The spice with multi potential. Systematic Reviews in Pharmacy 2016; 7(1):24-29. Print ISSN: 0975-8453, E-ISSN:0976-2779). **UGC**
3. “Genotyping of Angiotensin converting enzyme ACE-I gene in study subject with hypertension and chronic kidney disease” Research Journal of Pharmacy and Technology, Vol 10, Issue 1, 2607-2010, 2017. **SCOPUS**. ISSN: 0974-360X(online),
4. “Outlining of Phytochemicals and GC-MS profile of *centella asiatica*” in International Journal of Pharmaceutics and drug analysis, Vol 6, Issue 2, 252-256, 2018. **UGC**. ISSN: 2348-8948.
5. “A combinative evaluation of antioxidant potential of *Tridox procumbens* and *Boerhavia diffusa*” in International Journal of Pharmaceutics and drug analysis, Vol 6, Issue 2, 197-202, 2018. **UGC**. ISSN: 2348-8948.
6. “Evaluation of anti hepatotoxic effect of *Avicennia marina* against alcohol induced liver injury” in International Journal of Pharmaceutics and drug analysis, Vol 6, Issue 2, 225-2, 2018 **UGC**. ISSN: 2348-8948.
7. Studies on hepatoprotective and anti-inflammatory activity of *coix lacryma-jobi* (linn). Asian Journal of pharmaceuticals and clinical research. 2018 Vol 11, (11), 290-293. ISSN Online - 2455-3891 Print - 0974-2441 **SCOPUS**
8. “Anticancer activity of *Aloe vera* ethanolic leaf extract against cancer cells”. Research journal of pharmacy and technology 12(5); 2167-2170: 2019. **SCOPUS** ISSN Online - 0974-360X Print - 0974-3618.