

**CURRICULUM VITAE**  
**Dr. (Mrs.). T. THIRUNALASUNDARI**  
**PROFESSIONAL DETAILS**



Name : **Dr. (Mrs.).T. THIRUNALASUNDARI**  
Educational Qualification : M. Sc., M. Phil., Ph.D., FABMS  
Employer : Bharathidasan University  
Designation : Professor and Head  
Department : Department of Industrial Biotechnology  
School of Biotechnology  
Institution : Bharathidasan University  
Address for communication : Department of Industrial Biotechnology  
School of Biotechnology  
Bharathidasan University  
Tiruchirappalli - 620 024  
Tamil Nadu, INDIA  
Phone No. : 91 0431 2407066/72/74 (Board), Ext. 559  
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E-mail : [drttns@gmail.com](mailto:drttns@gmail.com); drttns@bdu.ac.in  
Research Experience : 28 Years and 2 Months  
Teaching Experience : 25 Years and 4 Month at PG level  
Publications : 98  
Books : 07  
    Authored : 02  
    Edited : 02  
    Laboratory Manual : 02  
    Biography (Tamil) : 01  
Research Papers : International 56  
                  National 04  
Review Articles : International 12  
                  National 05  
News Letters : International 08  
Proceedings : International 01  
              National 11  
Book Chapters : International 02

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

<b>Degree</b>	<b>Conferred Institution</b>	<b>Field</b>	<b>Year</b>
Ph.D.	University of Madras	Microbiology	1988
M.Phil.	Madurai Kamaraj University	Biology	1983
M. Sc.	Madurai Kamaraj University	Botany	1980
B. Sc. (Spl.)	Madurai Kamaraj University	Spl. Botany	1978

**Thesis Submitted**

<b>Degree</b>	<b>Title of the thesis</b>
Ph.D.	Hepatitis B Virus associated glomerulonephropathies.
M.Phil.	Bioproductivity studies on three selected woody biomass species.
M.Sc.	Microbiological and biochemical changes accompanying batter fermentation.
B.Sc. (Spl.)	Biochemical studies of papaya latex ( <i>Carica papaya</i> ).

**Teaching Experience : 25 Years and 4 Month**

Institution	Designation & Scale of pay	Period		Total Period	
		From	To	Years	Months
Bharathidasan University, Tiruchirappalli.	Professor Rs.63,300/- Basic	02.06.2008	30.06.2017	9	1
Bharathidasan University, Tiruchirappalli.	Reader Rs.14,100/- Basic	09.03.2006	01.06.2008	2	3
Mother Teresa Women's University, Kodaikanal.	Prof.& Head Rs.16,400/- Basic	09.03.2004	08.03.2006	2	0
Bharathidasan University, Tiruchirappalli.	Reader Rs.10,000/- Basic	14.11.2003	08.03.2004	0	4
Bharathidasan University, Tiruchirappalli.	Sr. Lecturer Rs.10,000/- Basic	14.11.1998	13.11.2003	5	0
Bharathidasan University, Tiruchirappalli.	Lecturer Rs.8,000/- Basic	14.11.1994	13.11.1998	4	0
University of Madras, Chennai.	Development Scientist Rs. 5,000/- Consolidated	01.11.1993	13.11.1994	1	0
Madurai Kamaraj University, Madurai.	Lecturer Rs.2,200/- Basic	02.05.1991	31.12.1992	1	8

**Research Experience**

:

28 years 2 months

<b>Institution</b>	<b>Designation</b>	<b>Period</b>		<b>Field of Study</b>
		<b>From</b>	<b>To</b>	
Dept. of Industrial Biotechnology, Bharathidasan University, Tiruchirappalli.	Professor and Head	29.06.12	30.06.2017	Stem cell, Molecular diagnosis of Cancer
Dept. of Biotechnology, Bharathidasan University, Tiruchirappalli.	Professor	02.06.08	28.06.2012	Stem cell, Molecular diagnosis of Cancer
National Facility for Marine Cyanobacteria, Bharathidasan University, Tiruchirappalli	Reader	09.03.06	01.06.08	Bioactivity studies (antifertility, anticancer & immunomodulatory) of Marine Cyanobacteria and Indian Medicinal plants
Dept. of Biotechnology, Mother Teresa Women's University, Kodaikanal	Prof. & Head	09.03.04	08.03.06	Bioactivity studies (anticancer & immunomodulatory) of higher plants

National Facility for Marine Cyanobacteria, Bharathidasan University, Tiruchirappalli.	Reader	14.11.03	08.03.04	Bioactivity studies (antifertility, anticancer & immunomodulatory) of Marine Cyanobacteria.
	Senior Lecturer	14.11.98	13.11.03	
	Lecturer	14.11.94	13.11.98	
Dept. of Microbiology, Dr. ALM PGIBMS, University of Madras, Chennai.	Development Scientist	01.11.93	13.11.94	Antiviral study of <i>Phyllanthus amarus</i> .
Dept. of Microbiology, Madurai Kamaraj University, Madurai.	Lecturer	02.05.91	31.12.92	BGA Biofertilizer – Immuno diagnosis of Cyanobacteria.
Dept. of Immunology, Madurai Kamaraj University, Madurai.	Research Associate	27.03.89	01.05.91	Immuno diagnosis of Leprosy.
ICAR scheme on “Biogas Technology” at Sri Paraskathi College for Women, Courtallam.	Research Assistant	16.10.80	31.05.81	Biogas technology.

## UNIVERSITY RANK AND DISTINCTIONS

S.No.	Degree	University	Rank	Year	Marks (%)
1.	B.Sc. Spl.	Madurai Kamaraj University, Madurai.	Sixth	1978	969/1500 (64.6)
2.	M.Sc.	Madurai Kamaraj University, Madurai.	First	1980	1746/2380 (73.4)
3.	M.Phil.	Madurai Kamaraj University, Madurai.	Fourth	1983	539/800 (67.4)
4.	Ph.D.	University of Madras, Chennai.	Highly Commended by <b>Dr. B.S. Blumberg</b> – Foreign Examiner – <b>Nobel Laureate</b>	1988	95/100 (95)

## AWARDS AND HONOURS

S.No.	Award	Agency	Purpose	Year
1.	JRF	Tamil Nadu State Govt. Fellowship.	Research Degree	1984
2.	SRF	ICMR, Govt. of India.	Research Degree	1985
3.	Mrs. Thangam Vasudevan Memorial Award for Young Scientist	Indian Association of Biomedical Scientist.	Research Paper	1986
4.	SRF	CSIR, Govt. of India.	Research Degree	1986 to 1987
5.	Certificate of	NFMC, Bharathidasan University.	For the	2001

	Appreciation		development of valuable new technologies in the area of Marine Cyanobacteria	
6.	FABMS Title	Indian Association of Biomedical Scientist.	Research Contribution in Biomedical Science	2000
7.	Best paper award	XXIV Annual conference of IABMS INMAS, New Delhi.	Oral Presentation	2003
8.	Yellappa Gauda Subba Rao Memorial Award	Indian Association of Biomedical Scientist.	Best paper published in Biomedicine - Official Journal of IABMS (An International Journal)	2004
9.	Bramaiah Sastri Memorial Award	Indian Association of Biomedical Scientist.	Significant contributions for the advancements of Biomedical Sciences.	2009
10.	Ariviyal Kalangium Award	MTS Academy, Chennai	Significant contributions for advancement of Sciences.	2015

### HONOURS, RECOGNITIONS AND POSITIONS HELD

<b>Institution/Industry</b>	<b>Role</b>	<b>Recognition</b>	<b>Year</b>
Visit to MAM College.	Expert to visit exam center as observer (DBT – JRF Biotechnology).	DBT, BCIL Nominee.	17.04.2016
Indian Association of Biomedical Scientist.	President.	GB of the Association.	December 2015 – December 2018
CAS promotion – Screening cum Evaluation Committee.	Member.	Tamil University, Thanjavur V.C's Nominee.	2016

School of Engineering and Technology, Bharathidasan University, Tiruchirappalli.	Chairman.	Bharathidasan University, V.C's nominee.	Jan. 2016 to June 2017
Mahendra Arts and Science College (Autonomous), Namakal.	BoS in Biotechnology (UG & PG).	Periyar University V.C's nominee.	2015 to 2017
Cauvery College for Women, Annamalai Nagar, Tiruchirappalli.	University Representative for the College Committee.	Bharathidasan University nominee (Senate).	03.09.2015 to 30.06.2017
St. Joseph's College (Autonomous), Tiruchirappalli.	Member (University Nominee), BoS in Biotechnology.	Bharathidasan University V.C's nominee.	29.07.2015 to 30.06.2017
Holy Cross College (Autonomous), Tiruchirappalli.	Member (University Nominee), BoS in Biotechnology.	Bharathidasan University V.C's nominee.	27.06.2015 to 26.06.2017
Bharathidasan University, Tiruchirappalli.	Chairman / chairperson of BoS in Biotechnology (UG & PG). Gene Technology (PG)	Bharathidasan University V.C's nominee.	01.04.2015 to 30.06.2017
School of Engineering and Technology, Bharathidasan University, Tiruchirappalli.	Co-Ordinator	Bharathidasan University V.C's nominee	July 2015 to June 2017
Dr.N.G.P. Arts and Science College (Autonomous), Bharathiar University, Coimbatore.	Member (University Nominee), BoS in Microbiology.	Bharathiar University V.C's nominee.	2015-2016
Affiliated Colleges of	Member,	Bharathidasan	19.05.2015



Bharathidasan University, Tiruchirappalli.	Inspection team.	University V.C's nominee.	to 30.06.2017
Jamal Mohamed College (Autonomous), Tiruchirappalli.	Member, BoS in Biotechnology.	Bharathidasan University V.C's nominee.	27.04.2015 to 30.06.2017
Nehru Memorial College, Puthanampatti.	Member, Academic Council.	Bharathidasan University V.C's nominee.	12.02.2015 to 11.02.2017
Sengamala Thayar Educational Trust Women's College, Mannargudi.	University Representative for the College Committee.	Bharathidasan University V.C's nominee (Senate).	10.01.2015 to 30.06.2017
J.J. College of Arts and Science (Autonomous), Pudukottai.	BoS in Biotechnology.	Bharathidasan University V.C's nominee.	05.12.2014 to 04.12.2016
CAS promotion – Screening cum Evaluation Committee.	Member.	Bharathidasan University V.C's Nominee	2014
Constituent and Model Colleges of Bharathidasan University, Tiruchirappalli.	Member (Biotechnology), Purchase committee.	Bharathidasan University V.C's Nominee.	2014
UGC SAP review committee.	Subject expert for Biotechnology.	UGC Chairman's nominee.	2014
UGC MRP Screening Committee.	Expert Committee member for Biotechnology.	UGC Chairman's nominee.	2014
St. Joseph College (Autonomous), Tiruchirappalli.	Member, Academic Council.	Bharathidasan University V.C's nominee.	2014 – 2016
National College (Autonomous), Tiruchirappalli.	Member, Academic Council.	Bharathidasan University V.C's nominee.	12.09.2014 to 11.09.2016
Subject expert for <b>Site visit of 4 Universities</b> 1. Sri Pabmavathi Mahila Visvavidyalayam, Tirupati. 2. Anna University,	Subject expert for site visit. BCIL, DBT, Govt. of India.	BCIL, DBT nominee.	April, 2014

Chennai. 3. Pondicherry University, Pondicherry. 4. Annamalai University, Chidambaram.			
Mother Teresa Women's University, Kodaikanal.	Member, Planning Board.	TN Governor's Nominee.	2009 – 2012
School of Biotechnology Bharathidasan University, Tiruchirappalli.	Chair.	V.C's Nominee.	2013 – June 2017
School of Biotechnology, Bharathidasan University, Tiruchirappalli.	UGC SAP Coordinator.	V.C.s Nominee.	2013 – June 2016
School of Biotechnology Bharathidasan University, Tiruchirappalli.	Coordinator.	V.C.s Nominee.	2008 – 2013
Dept. of Biotechnology, Bharathidasan University, Tiruchirappalli.	HoD.	V.C.s Nominee.	2011 - 2012
Dept. of Industrial Biotechnology, Bharathidasan University, Tiruchirappalli.	HoD.	V.C.s Nominee.	2012 – June 2017
Bharathidasan University, Tiruchirappalli	Senate Member	V.C.s Nominee.	2011 – June 2017
Mahatma Gandhi Doerenkamp Centre for alternatives to use of animals in life science education.	Member, Advisory Committee.	V.C.s Nominee.	2009 – June 2017
Hindustan Uni Lever, Thermometer Factory, Kodaikanal.	Member, The expert panel.	Supreme Court Monitoring Committee.	2005 – Till date
Raja Saraboji Govt. College for Men (Autonomous), Thanjavur.	Member, Academic Council.	Bharathidasan University V.C's nominee.	2012 – 2014
Kunthavai Nachiar Govt. College for Women (Autonomous), Thanjavur.	Member, Academic Council.	Bharathidasan University V.C's nominee.	2009- 2011

Holly Cross College (Autonomous), Tiruchirappalli.	Member, Academic Council.	Bharathidasan University V.C's nominee.	2009 – 2011
Bharathidasan University, Tiruchirappalli.	Deputy Warden, Ladies Hostel	Bharathidasan University, V.C's nominee.	2009 – 2011
Tamil University, Tanjavur.	CAS promotion Screening committee member (Subject expert – Life Science)	Tamil University VC's Nominee.	2013 & 2014
Manonmanium Sundaranar Universty, Thirunelveli.	CAS promotion Screening committee member (Subject expert – Biotechnology)	Manonmanium Sundaranar Universty VC's Nominee.	2012
Bharathidasan University, Tiruchirappalli.	Chairman, BoS, Dept. of Industrial Biotechnology,.	Bharathidasan University VC's Nominee.	2012 – 30.06.2017
Indian Association of Biomedical Scientist, Chennai.	Editor-in-Chief.	GB of the Association.	2012 – 2016
Indian Association of Biomedical Scientist, Chennai.	Vice-President.	GB of the Association.	2008-2012
Indian Association of Biomedical Scientist, Chennai.	Joint Secretary.	GB of the Association.	2003 – 2007
Indian Association of Biomedical Scientist, Chennai.	EC Member.	GB of the Association.	1998 – 2002
Indian Association of Applied Microbiologist, Chennai.	EC Member.	GB of the Association.	2009 – 2011
Mother Teresa Women's University, Kodaikanal.	Member, Executive Council (Syndicate).	MTWU VC's Nominee.	2004 – 2006
Mother Teresa Women's University, Kodaikanal.	Member, Academic Council (Senate).	MTWU VC's Nominee.	2004 – 2006
Dept. of Biotechnology, Mother Teresa Women's	HoD	MTWU V.C.s Nominee.	2004 – 2006

University, Kodaikanal.			
Mother Teresa Women's University, Kodaikanal.	Member, Governing Council of Arulmigu Palaniandavar Arts College for Women, Palani (Autonomous).	MTWU V.C's Nominee.	2004 – 2006
Mother Teresa Women's University, Kodaikanal.	Member, SLET – Coordination / implementation committee.	MTWU VC's Nominee.	2004 – 2006
Mother Teresa Women's University, Kodaikanal.	Credit Transfer between MTWU, Kodaikanal & University of Madras, Chennai	MTWU VC's Nominee.	2004 – 2006
Mother Teresa Women's University, Kodaikanal.	Nodal Officer, Entrepreneurship Development Cell	MTWU VC's Nominee.	2004 – 2006
Mother Teresa Women's University, Kodaikanal	Member, IQAC.	MTWU VC's Nominee.	2004 – 2006
Mother Teresa Women's University, Kodaikanal.	Member, Research Committee.	MTWU VC's Nominee.	2004 – 2006
Mother Teresa Women's University, Kodaikanal.	Member, University Purchase Committee.	MTWU VC's Nominee.	2004 – 2006
Mother Teresa Women's University, Kodaikanal.	Chairman, Institutional Animal Ethical Committee.	MTWU VC's Nominee.	2004 – 2006

### ACADEMIC VISITS ABROAD

S.No.	Country	Period	Purpose	Sponsor
1.	Singapore.	06.11.1988 to 11.11.1988	To present a scientific paper in the First Asia Pacific Congress in Medical Virology. Oral – “Effect of <i>Phyllanthus amarus</i> in chronic carriers of HBV”. Poster – “ <i>In-situ</i> demonstration of HBsAg in renal biopsy of patients with renal disorder”.	CSIR
2.	Prague, Czech Republic.	20.08.2000 to 31.08.2000	To attend ICRO / UNESCO training program on “The International Training Course in Cell and Molecular Biology of Gametes, Fertilization and Early Embryonic Development” held at Charles University, Prague.	UGC, CSIR & DST
3	Stara Lesena, Republic of Slovakia.	01.09.2000 to 03.09.2000	To attend and present a scientific paper in “The International Conference of Reproductive Biology”. Oral – “Antifertility compound from Marine Cyanobacterium”.	UGC, CSIR & DST
4	Singapore.	26.08.2009 to 29.08.2009	To attend and present a scientific paper in “The International conference on Bioengineering and Biotechnology- ICBB 2009”. Oral – “ <i>Eclipta alba</i> – An effective antiviral plant”.	CSIR & UGC
5.	Rome, Italy.	30.08.2009 to 03.09.2009	To attend and present a scientific paper in “The 7 <sup>th</sup> International Conference on Alternatives and Animal Use” titled “Calling on Science”. Poster – Assessment of Sensitivity Pattern – Three Different <i>In-vitro</i> Bioactivity Assays.	DST, & the Organizers
6.	Malasiya.	04.12.2012 to 07.12.2012	To attend and present a scientific paper in “The First International Conference on Topical Medicine and Infectious Diseases”: “Current trends, challenges and issues” Oral–“HBV and its molecular diagnosis”	UGC

## MEMBERSHIP IN NATIONAL LEVEL ASSOCIATIONS

S.No.	Name of the Association	Status	Year
1.	Indian Association of Biomedical Scientist, Chennai.	Life Member.	Since 1998
2.	Indian Association of Medical Microbiologist, New Delhi.	Life Member.	Since 1998
3.	Indian Association of Applied Microbiologist, Chennai.	Life Member.	Since 1998
4.	National Council for Science & Technology Communication, New Delhi.	Life Member.	Since 2005
5.	Association of Indian Medical Journal Editors	Life Member.	Since 2013

## SCIENTIFIC COMMUNICATIONS

S.No.	Name of the Journal	Position	Year
1.	Biomedicine	Editor.	2016 onwards
2.	Biomedicine	Editor – in – Chief.	2013 to 2015
3.	Biomedicine	National Editorial Board Member.	2009 to 2011
4.	IJHRS	National Editorial Board Member.	Since 2012
5.	Ariviyal Poonga	National Editorial Board Member.	2005 to 2016
6.	International Journal of Advanced Science and Engineering.	Editorial Advisory board member.	Since 2014
6.	International Journal of Tropical Disease & Health (Science Domain International).	Reviewer.	Since 2014
7.	Journal of Environmental Biology.	Reviewer.	Since 2014
6.	British Medical Journal.	Reviewer.	Since 2014

## RESEARCH PROJECTS

S.No	Title of the Project	Amount (in Rs.)	Period	Funding Agency	Sanction order No.	Status
1.	“Screening medicinal plants for anti HCV property”.	09, 74,400/	2009 – 2011	DRDE	DRDE/TC/05414/P ROJ/ Task-117 Dt.09.06.2009	Completed
2.	“Immunomodulation by medicinal plants – A novel avenue to prevent chronic diseases”.	10,63,000/	2009 – 2012	UGC	F.34-235/2008(SR) Dt. 29.09.2010	Completed
3.	“Screening Marine Cyanobacteria for anti tumor activity with a view to develop potential anti cancer drug”.	10,12,000/ 84,12,000/	2000 – 2002 2002 – 2007	DOD DOD	DOD/9-DS/1/2001– PCCC Dt. 30.03.01	Completed
4.	“Entrepreneurship Development Cell”	48,00,000/	2005 – 2010	DST		Completed
5.	“Instruments Maintenance Facility”	2, 25, 000/-	2005 – 2008	UGC		Completed

## WORKSHOP / SYMPOSIA / MEETINGS ORGANIZED

<b>Name of the Program</b>	<b>Date</b>	<b>Place</b>	<b>Role</b>
Symposium on “Bioinformatics”	27.08.2004 to 28.08.2004	MTWU Kodaikanal	Organizing Secretary
One day meet on “Promoting women leadership among Professionals”	04.11.2004	University of Madras, Guindy Campus, Chennai.	Organizing Secretary
Symposium on “Biotechnology and Women Empowerment”	27.08.2005 to 29.08.2005	MTWU Kodaikanal.	Organizing Secretary
Dr. Saradha Subramaniam memorial workshop on “ <i>In-vitro</i> analysis of compounds for their bioactivity”	20.09.2007	Bharathidasan University, Tiruchirappalli.	Coordinator
Symposium on “Bioresources in the development of medicine”	20.09.2007 to 22.09.2007	Bharathidasan University, Tiruchirappalli.	Organizing Secretary
Institution, Industry Interactive Session.	20.09.2007	Bharathidasan University Tiruchirappalli.	Organizing Secretary
Microplexus 2010 – “Hidden Treasures of Microbial World” and the 8 <sup>th</sup> Annual Conference of IAAM.	24.09.2010 to 25.09.2010	Bharathidasan University, Tiruchirappalli.	Organizing Secretary
Institution, Industry Interactive Session.	24.09.2010	Bharathidasan University Tiruchirappalli.	Organizing Secretary
TNSCST-DIT Training Program on “Mushroom cultivation for rural community development”	24.11.2010 to 26.11.2010	Bharathidasan University, Tiruchirappalli.	Organizing Secretary
One day Lecture series on	20.07.2011	Bharathidasan	Organizing Secretary



“Nanotechnology – An ongoing revolution”		University, Tiruchirappalli.	
“Writing science” One day seminar on “Scientific / Technical writings”	22.01.2014	Bharathidasan University, Tiruchirappalli.	Organizing Secretary
One day seminar on “Biotechnology based entrepreneurship awareness”	22.01.2015	Bharathidasan University, Tiruchirappalli.	Organizing Secretary
Seminar on “Revealing novel interaction between the Javelin-like protein and Microtubule End Binding Protein 1 (EB1) in <i>Drosophila</i> ”	10.02.2016	Bharathidasan University, Tiruchirappalli.	Organizing Secretary
Indian Association of Biomedical Scientists Southern Regional Chapter- Tiruchirappalli.	21.10.2016	Bharathidasan University, Tiruchirappalli.	Organizing Secretary

### Fund Generated for Conference/seminar/Symposia/Workshop/training

Title of the program	Date	Funding agency	Grant (in Rs.)
Biotechnology based entrepreneurship awareness.	22.01.2015	Registration fee collected from Participants. DST PURSE Grant.	46,650 10,000
Writing science One day seminar on Scientific / Technical writings.	22.01.2014	TNSCHE UGC DST PURSE	10,000 19,000 10,000
One day Lecture series on Nanotechnology – An ongoing revolution.	20.07.2011	BDU	20,000
Microplexus 2010 – Hidden Treasures of Microbial World and the 8 <sup>th</sup> Annual Conference of IAAM.	24.09.2010 to 25.09.2010	CSIR MoES DBT UGC TANSCHE TNSCST	30,000 50,000 1,00,000 30,000 20,000 15,000

		DRDO	50,000
		DST SERC	75,000
		DST	90,000
TNSCST-DIT Training Program on Mushroom cultivation for rural community development	24.11.2010 to 25.11.2010	TANSCHE	40,000

### **ENTREPRENEURSHIP AWARENESS CAMPS CONDUCTED**

<b>Name of the Program</b>	<b>Date</b>	<b>Place</b>	<b>Role</b>
One day program on “Interpersonal Relationship”	02.11.2005	MTWU, Kodaikanal.	Nodal Officer – Organizing Secretary.
One day program on “The potentials of medicinal and aromatic plants”	03.11.2005	MTWU, Kodaikanal.	Nodal Officer – Organizing Secretary
One day program on “Potentials of cut flower production and export from Kodai hills”	05.11.2005	MTWU, Kodaikanal.	Nodal Officer – Organizing Secretary
Three day program on “Entrepreneurship awareness camp”	10.11.2005 to 10.12.2005	MTWU, Kodaikanal.	Nodal Officer – Organizing Secretary
Three day program on “Entrepreneurship awareness camp”	23.01.2006 to 25.01.2006	MTWU, Kodaikanal.	Nodal Officer – Organizing Secretary

## RESEARCH CONTRIBUTIONS

### PUBLICATIONS

#### BOOKS

##### Authored Books

- Title of the Book : **Medicinal Plants – Traditional Healers**  
Publisher : National Facility for Marine Cyanobacteria, Bharathidasan University, Tiruchirappalli.  
Year : 2007  
Level : UG, PG and Research  
Author : Dr. T.THIRUNALASUNDARI  
Nature : Reference Book  
Released during : 28<sup>th</sup> Annual Conference of IABMS “Symposium on Bio resources in the Development of Medicine”  
Organized by National Facility for Marine Cyanobacteria, Bharathidasan University, Tiruchirappalli.
- Title of the Book : **“Mushroom cultivation and value addition” (Tamil Book)**  
Publisher : Dept. of Biotechnology, Bharathidasan University, Tiruchirappalli.  
Year : 2010  
Level : Self help group  
Author : Dr. T.THIRUNALASUNDARI  
Nature : Hand Book  
Released during : TNSCST-DIT Training Program on  
“Mushroom cultivation for community development”

##### Edited Books

#### PROCEEDINGS

- Title of the Book : **Bioinformatics – Proceedings**  
Publisher : Mother Teresa Women’s University, Kodaikanal.  
Year : 2005  
Level : UG, PG and Research  
Editor : Dr. T.THIRUNALASUNDARI  
Nature : Reference Book  
Released during : “Symposium on Bioinformatics”  
Organized by the Dept. of Biotechnology, Mother Teresa Women’s University, Kodaikanal.
- Title of the Book : **“Bioresources in the Development of Medicine” – Proceedings**  
Publisher : National Facility for Marine Cyanobacteria, Bharathidasan University, Tiruchirappalli.  
Year : 2007  
Level : UG, PG and Research  
Editor : Dr.T.THIRUNALASUNDARI  
Nature : Reference Book  
Released during : 28<sup>th</sup> Annual Conference of IABMS “Symposium on Bio

resources in the Development of Medicine”  
Organized by National Facility for Marine Cyanobacteria,  
Bharathidasan University, Tiruchirappalli.

### **Authored Book**

### **BIOGRAPHY**

Title of the Book : **“Otrumain Vithagar Av.K.M.Kasinadar” (Tamil Book)**  
Publisher : Thiagarajarr Pathipagam, Madurai.  
Year : 2009  
Level : All level  
Author : Dr. T.THIRUNALASUNDARI and Dr.T.SIVAKAMI  
Nature : Reference Book  
Released during : 70<sup>th</sup> Birthday of Dr. Justice AR. Lakshmanan

### **LABORATORY MANUALS**

#### **Authored Lab Manual.**

Title of the Book : **Cell Biology - A Laboratory Manual**  
Publisher : Bharathidasan University, Tiruchirappalli.  
Year : 2017  
Level : UG, PG and Research  
Authors : Dr. T.Thirunalasundari and Ms. K.Ramya  
Nature : Reference Book

Title of the Book : **“*In-vitro* analysis of compounds for their Bioactivity”**  
Publisher : National Facility for Marine Cyanobacteria, Bharathidasan  
University, Tiruchirappalli.  
Year : 2007  
Level : UG, PG and Research  
Author : Dr.T.Thirunalasundari  
Nature : Laboratory Manual  
Released during : 28<sup>th</sup> Annual Conference of IABMS “Workshop on “*In-vitro*  
Analysis of Compounds for their Bioactivity”  
Organized by National Facility for Marine Cyanobacteria,  
Bharathidasan University, Tiruchirappalli.

#### **Contributed one article per lab manual.**

**Title of the article** : **Reverse Passive Haemagglutination (RPHA)**  
Title of the Book : Hepatitis B Virus and its Infections  
Publisher : Department of Microbiology, Dr. ALM PGIBMS  
University of Madras, Chennai.  
Year : 1986  
Level : UG, PG and Research  
Editor of the Book : Dr. S.P. Thiagarajan & Dr. S. Subramanian

- Nature : Workshop Manual, Section D
- Title of the article** : **Enzyme Linked Immuno Sorbent Assay (ELISA)**  
 Title of the Book : STORMCUP Laboratory Manual  
 Publisher : Department of Microbiology, NFMC  
 Bharathidasan University, Tiruchirappalli.  
 Year : 1995  
 Level : UG, PG and Research  
 Editor of the Book : Dr. G. Subramanian  
 Nature : Workshop Manual
- Title of the article** : **Immunomodulatory Activity**  
 Title of the Book : Methods in Cyanobacterial Research  
 Publisher : Department of Microbiology, NFMC,  
 Bharathidasan University, Tiruchirappalli.  
 Year : 1999  
 Level : UG, PG and Research  
 Editor of the Book : Dr. G. Subramanian  
 Nature : Workshop Manual.
- Title of the article** : **Detection of Immunoglobulin Secreting Cells by  
 ELISPOT**  
 Title of the Book : Short Term Training Course on Interleukins – Structure  
 Biosynthesis and Function  
 Publisher : Department of Immunology, School of Biological Sciences  
 Madurai Kamaraj University, Madurai.  
 Year : 1990  
 Level : UG, PG and Research  
 Editor of the Book : Dr. VR. Muthukaruppan  
 Nature : Laboratory Manual

## RESEARCH ARTICLES

### International

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## REVIEW ARTICLES

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## NEWS LETTERS

### International

1. S.P. Thyagarajan, **T. THIRUNALASUNDARI**, S. Subramanian, N. Shanmugasundaram, *et. al.*, "Immunological studies on Hepatitis B Virus Associated Glomerulonephritis". *Virus Information Exchange News Letters for South East Asia and Western Pacific*, January-March, 1985; **2 (1)**: 11-12.
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## PROCEEDINGS

### International

1. S.P. Thyagarajan, **T. THIRUNALASUNDARI**, S. Subramanian, N. Shanmugasundaram B.R. Nammalwar and, *et al.* “Immunological studies in Hepatitis B Virus Associated Glomerulonephritis”. In: *International Congress on Microbiology in the Eighties. Singapore society for Microbiology, Singapore.* 1985; 170-186.

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5. **T. THIRUNALASUNDARI**, A. Ramesh and S.P. Thyagarajan. “Family clustering of Hepatitis B Virus in Renal Disorders: Population studies to analyze their relative risk of HBV infection”. In: *Indo – UK Symposium on updates in Viral Hepatitis.* 1990; 177-181.
6. Muthu Jayaraman, R. Vijayakumar, S.P. Thyagarajan and **T. THIRUNALASUNDARI**. “Hepatitis B Virus (HBV) infection in Glomerulonephritis: It’s pathogenic Significance”. In: *Indo – UK Symposium on updates in Viral Hepatitis.* 1990; 223-230.
7. **T. THIRUNALASUNDARI**. “Manjal Mangalathai Kurikkum Manjal Kamalai Ethai Kurikkum”. *Aaivuchinthanaigal – 6, Aynthamil Aaivalar Mandram.* 2000; 73-76.
8. Raghavan C, Kadalmani B, **THIRUNALASUNDARI. T**, Subramanian G and Akbarsha M.A. “A study of the male antifertility property of the marine Cyanobacterium *Oscillatoria willei* BDU 130511: A preliminary report”. In: *proceedings of the XX National symposium on Reproductive Biology & Comparative Endocrinology.* (Ed) M.A. Akbarsha. *Reproductive Biology & Comparative Endocrinology, Chennai & Bharathidasan University, Tiruchirappalli.* 2002; 137-138.
9. K. Remya, A. Ganesh Kumar and **T. THIRUNALASUNDARI**. “Pharmaceutically relevant metabolites from lichens of Kodaikanal”. In: *The proceedings of the “Symposium on Bioresources in the development of medicine” and the 28<sup>th</sup> Annual conference of Indian Association of Biomedical Scientists, Tiruchirappalli.* 2007; 194- 204.

10. **T. THIRUNALASUNDARI** and A. Ganesh Kumar. “*Eclipta alba*: An effective antiviral plant” In: World Academy of Science Engineering and Technology - Conference Proceedings. 2009; **56**: 270-277.
11. **T. THIRUNALASUNDARI**. “Traditional and local Medical Knowledge of Kodai Tribals”. Proceedings of National Conference on Indian Herbal drugs.2014; 3-11: 978-981. (ISBN: 7090-457-1).

## **BOOK CHAPTERS**

1. Kaliamoorthy Sivasakthi, Mainassara Zaman-Allah, Murugesan Tharanya, Jana Kholova, **Thiyagarajan Thirunalasundari**, Vincent Vadez (2017) Chickpea: Water-Conservation Traits to Increase Crop Yields in Water-deficit Environments. Edited by Sinclair TR. In: Springer Briefs in Environmental Science; ISBN 978-3-319-56320-6, 432416\_1\_En, (6): Available in Online.
2. Murugesan Tharanya, Jana Kholova, Kaliamoorthy Sivasakthi, **Thiyagarajan Thirunalasundari**, Vincent Vadez (2017) Pearl Millet: Water-Conservation Traits to Increase Crop Yields in Water-deficit Environments. Edited by Sinclair TR, In: Springer Briefs in Environmental Science; ISBN 978-3-319-56320-6, 432416\_1\_En, (10): Available in Online.

## **NCBI SUBMISSIONS**

GenBank: HM167516.1 (Published)	- Sasidhara, R. and Thirunalasundari, T.
GenBank KF410647 - KF410650 (Published)	- Sasidhara, R. and Thirunalasundari, T.
GenBank JX503931(Published)	- Jenny Anne Tharian and Thirunalasundari, T.
GenBank JX503932 (Published)	- Jenny Anne Tharian and Thirunalasundari, T.
GenBank JX503933 (Published)	- Jenny Anne Tharian and Thirunalasundari, T.
GenBank JX503934 (Published)	- Jenny Anne Tharian and Thirunalasundari, T.
GenBank ID 17046497 (Published)	- R. Padmapriya, Jenny Anne Tharian and Thirunalasundari, T.
GenBank ID 17046496 (Published)	- R. Padmapriya, Jenny Anne Tharian and Thirunalasundari, T.
GenBank ID 17046485 (Published)	- R. Padmapriya, Jenny Anne Tharian and Thirunalasundari, T.

## **RESEARCH SUPERVISION**

**Ph.D. Awarded                      Total - 15**

Part Time - 07  
**Ph.D. On-going**  
 Full Time - 03

Full Time - 08  
**Total - 03**

**Details of Ph.D. Candidates**

<b>Name</b>	<b>Title of the Thesis</b>	<b>University &amp; Year of Registration</b>	<b>Status</b>
<b>Part Time</b>			
Dr. S. Rajan	Diarrhoea – Microbial Spectrum and Screening of some Indian medicinal plants for antimicrobial activity against predominant Diarrhoeal pathogens.	BARD January, 2001	Awarded (Jun. 2007)
Dr. S. Balakumar	Epidemiology of of Dermatophytosis and antifungal activity of certain Medicinal Plants.	BARD January, 2001	Awarded (Feb. 2008)
Dr. V. Loganathan	Isolation and identification of Biologically active microorganisms from natural source and screening them for their activity.	BARD July, 2003	Awarded (Feb. 2008)
Dr. S. Kothai	Ethanobotany and antimicrobial properties of medicinal plants of Jimma - Ethiopia.	BARD October, 2006	Awarded (Oct. 2012)
Dr. G. Selvakumar	Bioactive potentials of Marine Cyanobacteria.	BARD October, 2006	Awarded (June, 2012)
Ms. R. Sasidhara	Nutritional and pharmacological potentials of Wild and Cultivated Mushrooms	BARD January, 2008	Awarded (Oct. 2013)
Mr. C. Muthusamy	Genome wide integration analysis of lung cancer cell line before and after treatment and prediction of susceptible genes for lung cancer.	BARD July, 2011	Awarded (May, 2017)
<b>Full Time</b>			
Dr. Antony V. Samrot	Cigarette smoke induced modulation of mice and effect of	BARD January,	Awarded (Oct. 2008)

	marine Cyanobacteria on induced modulation.	2004	
Dr. A. Ganesh Kumar	Study on Hepatitis C Virus.	BARD April, 2004	Awarded (Oct. 2009)
Dr. P. Sumitha	Epidemiology of HEV and anti HEV properties of medicinal plants (in-silico method) & their hepatoprotective nature.	BARD January, 2008	Awarded (Oct. 2012)
Dr. S. Vishnupriya	Effect of dietary supplements on cigarette smoke induced changes	BARD January, 2008	Awarded (Dec. 2012)
Dr. D. Avinash Gandhi	An attempt to use soybean protein as an alternate for fetal bovine serum in animal cell culture	BARD January, 2008	Awarded (January, 2013)
Dr. Jenny Anne Tharian	Chloramphenicol Acetyl Transferase form soil Bacteria – Isolation and Characterization.	BARD January, 2011	Awarded (April, 2015)
Dr. R. Padmapriya	Treatment of coffee effluent using selected plant materials and bacterial strains	BARD July, 2012	Awarded (April, 2016)
Mr. A. Vinoth	Effect of thermal manipulation on heat shock proteins in chicken – An attempt for epigenetic modulation.	February, 2013	Awarded (April, 2017)
Mr.K.Sivasakthi	Contribution of water saving traits for drought adaptation in chick pea ( <i>Cicer arietinum</i> L.): Physiological, molecular and genetic approaches.	BARD January, 2013	Submitted synopsis (April, 2017)
Ms.M.Tharanya	Contribution of water saving traits for drought adaptation in pearl millet [ <i>Pennisetum glaucum</i> (L.) R. Br.]: Physiological, molecular and genetic approaches.	BARD January, 2013	Submitted synopsis (April, 2017)
Mrs. K. Ramya	Lichens as a therapeutic for Brest Cancer	October, 2015	Ongoing

**M.Phil. Completed**

**Total : 10**

Full Time : 05

Part Time : 05

**Details of M.Phil. Candidates**

<b>Name</b>	<b>Title of the Thesis</b>	<b>University &amp; Year of Registration</b>	<b>Status</b>
<b>Part Time</b>			
Ms.T.S.Geetha	Development of database on various aspects of Kodai fruits	Bharathidasan University	Completed
Ms.S. Hema	Antimicrobial activity of six selected medicinal plants	Bharathidasan University	Completed
Ms.K.Ramya	A study on chloramphenicol acetyl transferase from soil microorganism	Bharathidasan University	Completed
Ms.N.Jeyanthi	A simple technology for natural dye from <i>Wrightia tinctoria</i>	Bharathidasan University	Completed
Ms.Smitha Balraj	Immunomodulatory property of <i>Achyranthes aspera</i>	Bharathidasan University	Completed
<b>Full Time</b>			
Ms.A.Winny Fred Crossia	Microbes of Root canal infection and curcumin as a cure for them	Bharathidasan University	Completed
Ms. Manjula	Molecular Diagnosis of Cervical cancer	Bharathidasan University	Completed
Ms.Vibina Venugopal	Electrophysiological and behavioral response of red palm weevil	Bharathidasan University	Completed



Mr. SP. Bhuvaneshwaran	Identification of entry inhibitory activity of RISUG (Reversible Inhibition of Sperm Under Guidance) – A male contraceptive drug against HIV	Bharathidasan University	Completed
Ms. N. Sylvia	Soil microbes – A potential source for lipase enzyme	Bharathidasan University	Completed

#### Details of Ph.D. Thesis Adjudicated

Name of the student	Name of the Guide/Supervisor	Title of the Thesis	University	Year
Mr. B.Kadalmani	Dr.M.A.Akbarsha	Screening marine cyanobacteria for male antifertility property	Bharathidasan University, Tiruchirappalli.	2006
Ms. P.Senthil Selvi	Dr.V.Hazeena Begum	Potential of probiotics by prebiotics	Tamil University, Tanjore.	2011
Ms. Eram Fatima	Dr.Vijaya Koche	Studies on <i>in-vitro</i> propagation and PAPP analysis of <i>Jatropha curcas</i> Linn.	Pt.Ravi Shankar Sukla University, Raipur.	2011
Ms.Neha	Dr.D.K. Dhawan	Studies to evaluate the role of zinc during aluminium induced neuro toxicity	Punjab University, Chandigarh.	2012
Ms.Raji Kanna	Dr.S.Muthulakshmi	Micromorphological and biological activities of some medicinal ferns in western ghats	Manonmanium Sundaranar University, Tirunelveli.	2013
Ms.V.Arulmozhi	Dr.S. Mirunalini	Chemotherapeutic evaluation of elagic acid	Annamalai University, Chidambaram.	2013

		encapsulated chitosan nano particles in human oral epidermoid carcinomma cell (KB) and hamster buccal pouch carcinogenesis.		
Mr.Dinkar	Dr.Bhavanath Jha	Differential expression of salt induced micro RNA (miRNA) in <i>Salicornia brachiata</i>	Maharaja Krishnakumarsinghi Bhavanagar University, Bhavanagar.	2014
Ms.Jyoti	Dr.Upma Bajai	Effect of cell phone frequency electromagnetic radiations on early development of chick and brain of rat	Punjab University, Chandigarh.	2014
Ms.J.Joselin	Dr.Solomon Jeeva	Studies on phytochemistry and pharmacological properties of common weed <i>Hyptis suaveolens</i> (L) poit	Manonmanium Sundaranar University, Tirunelveli.	2014
Ms.AR. Florance	Dr.Solomon Jeeva	Phytochemical and pharmacological investigation of an ethanobotanically important plant <i>Gamelina asiatica</i> linn.	Manonmanium Sundaranar University, Tirunelveli.	2014
Mr. DV.V.Suryaprakash	Dr.V.Meena	Studies on extraction and purification of chebulinic acid from composition of medicinal herbs.	Andra University, Visakapatinum.	2016
Ms.Rupali Panwar	Dr.D.K. Dhawan	Studies to elucidate the	Punjab University, Chandigarh.	2016

		chemopreventive role of ferula asafetida in 1,2, dimethylhydrazine (DMH) induced colon carcinogenesis in rat		
Ms.M.Usha	Dr. D.B.Rai	Studies on small RNA mediated response to abiotic stress in finger millet ( <i>Eleusine coracana</i> )	Shobit University, Meerut.	2016
Ms.Subhasish Ghoshal	Dr.Indrani chakkaraborti	Studies on antifertility activity in Jessiaca repens l. in adult male albino rats – An approach for searching a male contraceptive.	University of Culcutta, Kolkatha.	2016

**CONFERENCE ATTENDED / PAPERS PRESENTED**

**INTERNATIONAL**

<b>Name of the Program</b>	<b>Date</b>	<b>Place</b>	<b>Title of the Paper</b>
First Asia Pacific Congress on Medical Virology.	06.11.1988 to 11.11.1988	Singapore	Effect of <i>Phyllanthus amarus</i> in chronic carriers of HBV – Oral presentation.  <i>In- situ</i> demonstration of HBsAg in renal biopsy of patients with renal disorder – Poster presentation.
10 <sup>th</sup> International Congress on Immunology.	01.11.1998 to 06.11.1998	New Delhi	Participated.
International Congress “Ayurveda 2000”.	28.01.2000 to 30.01.2000	Chennai	The effect of crude ethanolic extract of marine cyanobacterium <i>Oscillatoria willei</i> BDU 130511 on BALAB/C mice.
International Conference of “Reproductive Biology”.	01.09.2000 to 03.09.2000	Stara Lesna Slovakia	Antifertility compound from marine cyanobacterium.
International Conference on “Advanced Technologies in Fisheries and Marine Science”.	02.02.2001 to 04.02.2001	Thuckalay, KK District, Tamilnadu	Pharmaceutical, nutraceutical and bioactive compounds from cyanobacteria.
1 <sup>st</sup> International Congress on “Alternatives to the use of Animals – Research, Testing & Education”.	29.01.2007 to 31.01.2007	SRMC Chennai	Participated.

International Congress on "Stem Cell, Tissue Engineering and Regenerative Medicine".	30.11.2007 to 02.12.2007	Frontier Lifeline & Dr.K.M.Cherien Heart Foundation  Chennai	Participated.
International Conference on "Bio Engineering & Bio Technology – ICBB '09".	26.08.2009 to 28.08.2009	WASET  Singapore	<i>Eclipta alba</i> – An effective antiviral Plant.
7 <sup>th</sup> World Congress on "Alternatives and Animal Use in the Life Sciences" Titled "Calling on Science".	30.08.2009 to 03.09.2009	Rome, Italy	Assessment of sensitivity pattern – three different <i>In-vitro</i> bioactivity assays.
XXXIII Annual Conference. Indian Association of Biomedical Scientists and An international Symposium on "Recent trends and advances in Biomedical research - An integrated approach".	01.11.2012 to 03.11.2012	Nitte University, Mangalore	Mesenchymal stem cells from adipose tissue.
First International Conference on "Topical Medicine and Infectious Diseases: Current trends, challenges and issues".	04.12.2012 to 07.12.2012	Universiti Kuala Lumpur  Royal College of Medicine, Perak, Malaysia	HBV and its molecular diagnosis.
XXXIV Annual Conference. Indian Association of Biomedical Scientists and National Symposium on "Role of Natural Resources in Health Care".	27.12.2013 to 29.12.2013	Dr.ALM PG IBMS, University of Madras, Chennai	Plenary talk on "Role of Cyanobacteria on Health Care". Chaired IABMS Award session.

International Conference on “Environment and Health in changing climate (ICEHCC 2016)”.	14.09.2016 to 16.09.2016	Dept. of Environmental Biotechnology, BARD	Chaired a session on 14.09.2016.
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## NATIONAL

Name of the Program	Date	Place	Title of the Paper
VIII Annual Conference of “Women Doctors Association of Tamilnadu & Pondichery”.	13.09.1985 to 14.09.1985	Madras	“Hepatitis B Virus and its antigen – what it means to a hospital clinician”.
XXVI Annual Conference of Association of Microbiologists, India.	10.10.1985 to 12.10.1985	Madras	Serum immunoglobulin in GN.
IX Annual Congress Association of Medical Microbiologist.	28.11.1985 to 30.11.1985	Varanasi	“Serum immunoglobulin in respiratory disorders of children”.
VII Annual Conference Indian Association of Biomedical Scientists.	13.09.1986 to 14.09.1986	Madras	Role of HBV in renal disorders - An Immunological study.
X National Congress. Indian Association of Medical Microbiologists.	20.10.1986 to 22.10.1986	Bangalore	“HBV and HAV markers profile in acute viral hepatitis and glomerulonephritis”.
VIII Annual Conference. Indian Association of Biomedical Scientists.	17.10.1987 to 18.10.1987	Chidambaram	“Demonstration of HBsAg in renal biopsies of patients with renal disorder”.

Intamil Aaivalar Mandram.	08.01.2000 to 09.01.2000	Madugupatti	”Manjal mangalathai kurikkum manjal kamalai ethai kurikkum?”.
Villangial Kalaichorkal Tharappadutham.	02.02.2000 to 04.02.2000	Tiruchirappalli	Participated.
XXI Annual Conference. Indian Association of Biomedical Scientists.	13.10.2000 to 15.10.2000	Chidambaram	“Antifertility compound from marine cyanobacteria”.
XXII Annual Conference. Indian Association of Biomedical Scientists.	12.10.2000 to 14.10.2000	Chennai	“Prevalence pattern of dermatophytes”  “Spectrum of microbial pathogens in diarrhoea”.  “Antibacterial activity of some indigenous medicinal plants”
Silver Jubilee IAMM Congress.	23.11.2001 to 25.11.2001	New Delhi	“Bioactive compound from <i>Oscillatoria willei</i> BDU 130511 a marine cyanobacterium”.
Conference on “Women Scientists & Technologists for National Development”.	08.03.2002 to 09.03.2002	New Delhi	Participated.
XXIII Annual Conference. Indian Association of Biomedical Scientists.	05.10.2002 to 06.10.2002	Pondicherry	“Prevalence pattern of diarrhea in children from Tiruchirappalli.  “Spectrum of dermatophytes in Tiruchirappalli – a one year

			report”.
XXVI Annual Congress of IAMM.	20.11.2002 to 24.11.2002	Bangalore	Prevalence pattern of dermatophytes in some patients attending BHEL hospital, Tiruchirappalli.
II Annual Conference of IAMM.	21.12.2002 to 22.12.2002	Chennai	Participated.
XXIV Annual Conference. Indian Association of Biomedical Scientists..	01.11.2003 to 04.11.2003	New Delhi	<p>“Isolation of Bioactive microorganisms from soil and antimicrobial screening”.</p> <p>“Immunological and haematological changes accompanying smoke exposure and its follow up treatment with <i>Oscillatoria willei</i> BDU 130511 on mice”.</p> <p>“Bioactivity studies of some marine cyanobacterial extracts.</p> <p>Antibacterial activity of <i>Mangifera indica</i> seed kernel against enteric pathogens”.</p> <p>“Anti dermatophytic activity of <i>Lawsonia inermis</i>”.</p> <p>“Immunomodulatory activity of <i>Phormidium valderianum</i> - A marine cyanobacterium”.</p>
XXV Annual Conference. Indian Association of Biomedical Scientists.	07.10.2004 to 10.10.2004	Chennai	<p>Oral presentation -5 papers.</p> <p>Poster presentation -2 papers.</p>
XXVI Annual Conference. Indian Association of	25.11.2005 to	Kolkatta	Participated.



Biomedical Scientists.	27.11.2005		
XXVII Annual Conference. Indian Association of Biomedical Scientists.	25.11.2006 to 27.11.2006	Thiruvananthapuram	“Anticancer compounds from marine organism”.
The National Conference on “New Horizons in Biotechnology, Bioinformatics, Food Processing & Engineering – an Academic and Industrial Convergence”.	18.12.2007 to 19.12.2007	Coimbatore	“Stem cell – Potential source for therapy”.  Guest of Honour.
Silver Jubilee Conference of the Department of Microbiology.	08.02.2008 to 09.02.2008	University of Madras, Chennai	Participated.
Blitzkreig – 2008 “Recent Trends in Environmental Biotechnology”.	17.10.2008	SRM, Chennai	Solid waste management – Invited talk.
MICROCON 2008 “Clinical Microbiology: From Detection to Clinical Application”.	22.10.2008 to 25.10.2008	Department of Microbiology, Armed Forces Medical College, Pune	Hepatitis C virus genotypes in South Tamil Nadu.
Innovations of Biotechnology, 8 <sup>th</sup> Indian Science Communication Congress (ISCC-2008) Media Convergence & Knowledge Revolution.	11.12.08 to 12.12.08	Chennai	Chaired a session.

29 <sup>th</sup> Annual Conference of the Indian Association of Biomedical Scientists.	12.12.2008 to 4.12.2008	Ragas Dental College, Chennai	<i>Boerhavia diffusa</i> – A plant for HCV infection.
XXX Annual Conference of the Indian Association of Biomedical Scientists.	18.11.2009 to 20.11.2009	DIHAR, DRDO  Chandigarh	Poster presentation - 3 papers
Biotechnology: Fusion of Advanced Research and Teaching.	02.01.10 to 04.01.10	Madurai Kamaraj University, Madurai	Adipose tissue derived – mesenchymal stem cells.
31 <sup>st</sup> Annual Conference of the Indian Association of Biomedical Scientists.	29.10.10 to 31.10.10	Swamy Vivekananda College of Pharmacy	Traditional medicine practiced in Jimma, Ethiopia & Kodai, India - A preliminary report.
32 <sup>nd</sup> Annual Conference of the Indian Association of Biomedical Scientists.	11.11.2011 to 13.11.2011	Center for Nuclear Medicine, Punjab University, Chandigarh	Invited talk on “Anti HEV activity of selected Indian medicinal plants”.
“Micro Miracle” – An Intercollegiate meet.	08.03.2012	JJ College of Arts and Science, Pudukottai	Chief Guest.
A National level Conference on “Implementation of Nanotechnology in Food Proceeding”.	26.03.2012	Pavendhar Bharathidasan College of Engg. & Tech., Trichy	Chief Guest.
Annual Conference of the Indian Association of Medical Journal Editors.	15.11.2013 to 17.11.2013	All India Institute of Medical Sciences, New Delhi	Participated.

National Conference on “Dietary interventions and signaling cascades in health and diseases”.	21.02.2014 to 22.02.2014	Department of Medical Biochemistry University of Madras, Taramani Campus, Chennai – 600 113	Plenary talk on “Role of dietary supplement on cigarette smoke induced changes”.
National Conference on “Indian Herbal Drugs (NACHOHERB 14)”.	14.03.2014	Dept. Environmental & Herbal Science, Tamil University, Thanjavur	Plenary Lecture on “Traditional and local medical knowledge of Kodai tribals”.
National Conference on “Progress in Algology in the Indian context”.	19.09.2014 to 21.09.2014	Department of Microbiology, Bharathidasan University, Tiruchirappalli – 620 024	Plenary talk on “Marine organisms – A novel source for anticancer compounds”.
NCSTC – DST, New Delhi.	18.09.2014 & 19.09.2014	INSA, New Delhi	Project presentation on “Writing Science”.
35 <sup>th</sup> Annual Conference of IABMS.	14.11.2014 to 16.11.2014	Department of Microbiology, CSK Himachal Pradesh Agricultural University, Palampur	Invited Talk on “Cigarette smoke and its ill effects”.
NIC, New Delhi.	19.02.2015 & 20.02.2015	NIC, HQ, New Delhi	Participated in Brain Storming Session for INMED/ MedIND data bases.
National Conference on “Phytochemicals in medicinal plants and food”.	31.07.2015	Bharathidasan University Constituent College for Women, Orthanadu	Plenary Lecture on “Traditional Medicines and Plants”.
36 <sup>th</sup> Annual Conference of IABMS.	17.12.2015 to	Pondicherry University, Pudhucherry	Invited talk on “Plant Metabolites as a cure for Hepatitis Delta Virus Infection – <i>in-silico</i> ”

	20.12.2015		analysis”.
National Conference of “Emerging Trends in Plant Sciences”.	10.03.2016 to 11.03.2016	Bharathidasan University, Tiruchirappalli	Invited as a Chairperson to judge oral presentation.
National Conference on “Biomaterials from microorganisms and medicinal plants for human welfare”.	29.09.2016 to 30.09.2016	Vels University, Chennai	Invited for a Plenary talk on “Traditional Medicines”.
37 <sup>th</sup> Annual Conference of IABMS.	03.11.2016 to 06.11.2016	School of Biological Engineering Sciences Shobhit University, Meerut, India.	Invited talk on “Microbiological techniques as tool for disease diagnosis”.

## SYMPOSIUM

### INTERNATIONAL

Name of the Program	Date	Place	Title of the Paper
International Symposia on “Cyanobacterial Biotechnology”.	18.09.1996 to 21.09.1996	Tiruchirappalli	“Plasmid with ampicillin resistant gene in the Marine Cyanobacterium <i>Phormidium valderianum</i> BDU 30501”.
NCBS Symposium on “Cancer and Cell Death”.	09.01.2002 to 13.01.2002	Bangalore	Participated.
First CMC Winter Symposium on “Cell Biology and Molecular Medicine”.	30.01.2003 to 31.01.2003	Vellore	Participated.
5 <sup>th</sup> International Symposium on “Antimicrobial Agents and	27.04.2005 to	Seoul South Korea	Presented 4 papers “Scope of novel antimicrobial compound from soil isolates –

Resistance 2005”.	29.04.2005		<p>Preliminary study”.</p> <p>“Screening marine flora and fauna to look for new antimicrobial compounds”.</p> <p>“Prevalence pattern of HBV &amp; HCV in and around Tiruchirappalli – A preliminary Report”.</p> <p>“Prevalence pattern of Dermatophytic fungi in dermatophytosis in and around Tiruchirappalli”.</p>
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### NATIONAL

Name of the Program	Date	Place	Title of the Paper
Second National Symposium on “HBV infection”.	25.01.1986	Madras	“Immunological studies on HBV associated GN – further studies”.
Indo – UK Symposium on “Updates in Viral Hepatitis”.	09.01.1990	Madras	“Family clustering of HBV in Renal disorders. Population studies to analyze their relative risk of HBV infection”.
National Symposium on “Marine Algal Research in India Prospects and Retrospect”.	16.08.2001 to 18.08.2001	Tiruchirappalli	“Immunomodulatory compound from marine Cyanobacterium <i>Oscillatoria willei</i> BDU 130511”.
IABMS Symposium.	12.10.2001	Madras	“The present and future role of medicinal plants as therapeutic substance in health care”.
AIIMS Microbiology Symposium on “ HIV vaccine development”.	21.11.2001	New Delhi	Participated.
XX National Symposium on “Reproductive Biology	07.01.2002 to	Tiruchirappalli	“A study of the Male Antifertility property of the marine cyanobact.

and Comparative Endocrinology”.	09.01.2002		<i>Oscillatoria willei</i> BDU 130511 – A pre. Report”. “Male antifertility property of compound isolated from <i>Oscillatoria late-virens</i> BDU 20801”.
National Symposium on “Microalgal Biotechnology”.	11.03.2004 to 13.03.2004	Tiruchirappalli	“Immunomodulatory potentials of marine Cyanobacteria”. “Bioactivity studies of some marine flora extracts on PBMC – An in-vitro study”. “Antibacterial activity of some microflora extracts”.
National symposium on “Biology and Biodiversity fresh water algae”.	08.09.2004 to 09.09.2004	Chennai	Participated & presented 2 papers.
National symposium on “Emerging trends on Biotechnology and Bioinformatics”.	03.03.2005 to 05.03.2005	Perambalur	Delivered key note address on “Microbial Biotechnology – Past, present and future”.
National Symposium on “Current Scenario in Microbial Technology”.	03.01.2008 to 05.01.2008	Tiruchirappalli	Participated & presented 3 papers.
National Symposium on “Commercial Aspects of Biosciences”.	27.01.2011 & 28.01.2011	Perambalur	Plenary Talk – “Molecular Diagnosis of Infectious Diseases”.
National Symposium on “New Horizons in Biotechnology”.	30.09.11	Perambalur	Plenary talk on – “Widening Horizons in Biotechnology”.
National Symposium on “Basic	26.02.2013	Chennai	Invited talk on “Prospects of

trends in Biological Sciences”.			Biotechnology”.
Seminar on “Newly Emerging Pathogens, Epidemic Diseases and their Management challengens”.	14.03.2014	Dept. of Microbiology M.R. Government Arts College, Mannargudi	Plenary talk on “Disease Diagnosis”.
Regional seminar on “Biotechnology: promises and challenges”.	17.03.2014	Department of Botany, Madura College, Madurai	Guest Lecture on “Prospects of Biotechnology”.

## WORKSHOP

### INTERNATIONAL AND NATIONAL

<b>Name of the Association</b>	<b>Date</b>	<b>Place</b>	<b>Title of the Paper/Participation</b>
Second National workshop on “Serological Markers of HBV”.	17.01.1986 to 24.01.1986	Madras	Resource Person.
Short Term Training on “Interleukins Structure, Biosynthesis and Function”.	16.01.1990 to 30.01.1990	Madurai	Resource Person & presented a paper on “Tumor Necrosis Factor”.
Short Term Training Course on “Natural Antibodies in Health and Disease”.	09.12.1991 to 27.12.1991	Madurai	Participated.
INDO – UK workshop on “HIV / AIDS for General Medical Practitioners and the press”.	02.02.1994 to 04.02.1994	Madras	Participated.

Workshops on “Emerging Research Areas”.	09.10.1998 to 10.10.1998	Goa	Participated and presented paper on Anticancer drug from Marine Cyanobacteria.
Continuing Education workshop in “Immunology”.	30.10.1998 to 01.11.1998	New Delhi	Participated.
Workshop on Research Technologies in “Cyanobacteriology” (WORTIC – 1999).	05.02.1999 to 27.02.1999	Tiruchirappalli	Resource Person.
Workshop on Research Technologies in “Cyanobacteriology” (WORTIC – 2001).	19.03.2001 to 31.03.2001	Tiruchirappalli	Resource Person.
Dr. Saradha Subramaniam memorial workshop on “Scientific Evaluation of Medical Plants for their therapeutic uses”.	12.10.2001	Madras	Participated.
Workshop on “Bioinformatics for Cyanobacteriologists & workshop on Research Technologies in Cyanobacteriology “(WOBIC & WORTIC – 2002)	11.03.2002 to 29.03.2002	Tiruchirappalli	Resource Person.
Dr. Saradha Subramaniam memorial workshop on “Effective Biomedical Communication”.	04.10.2002	Pondichery	Participated.
Pre – Conference workshop on “Molecular methods in detection and typing of pathogens”.	20.11.2002	Bangalore	Participated.



Workshop on “Bioinformatics for Cyanobacteriologists & workshop on Research Technologies in Cyanobacteriology” (WOBIC & WORTIC – 2003).	17.03.2003 to 29.03.2003	Tiruchirappalli	Resource Person.
Workshop on “Medical Informatics & Biomedical Communication”.	29.09.2003 to 01.10.2003	Wardha	Participated.
Workshop on “Science Writing”.	21.06.2004 to 25.06.2004	Kodaikanal	Invited talk on “Emerging trends in Biosciences”.
Indo – US workshop on “Grantmanship”.	10.09.2004 & 11.09.2004	Bangalore	Participated.
Dr. Saradha Subramaniam memorial workshop on “Evolution of medicinal plants”.	06.10.2004	Chennai	Participated.
Indo – French workshop on “IP, Innovation and Technology Management”.	10.12.2004 to 13.12.2004	Pune	Participated.
UGC sponsored Regional Workshop on “Applied Statistics”.	20.03.2006 & 21.03.2006	Gandhigram	Participated.
Workshop on “Science Writing”.	21.06.2006 to 25.06.2006	Coimbatore	Invited talk on “Emerging trends in Biotechnology”.
Workshop on “Bioinformatics for Cyanobacteriologists & workshop on Research Technologies in	17.03.2007 to 29.03.2007	Tiruchirappalli	Resource Person.

Cyanobacteriology “(WOBIC & WORTIC – 2003).			
8 <sup>th</sup> Regional Workshop on “Science Writing”.	30.08.08	Pudukottai	Talk on “Growth and Utilities of Biotechnology”.
9 <sup>th</sup> Regional Workshop on “Science Writing”.	21.02.09	Namakkal	Widening Horizons in Biotechnology.
13 <sup>th</sup> Science Workshop on “Science Writing / Journalism”.	21.08.13	Tanjore	Avenues in Biotechnology.
National Council for Science and Technology Communication, Govt. of India, New Delhi, MTS Academy, Chennai and Mahendra Engineering College, Thiruchengode.	13.12.2013 to 17.12.2013	Mahendra Engineering College, Mahendrapuri, Thiruchengode Taluk	Invited talk on “Role of Folk Lore Arts in Effective Science Communication”.
Workshop on “ <i>In-vitro</i> and <i>In- Silico</i> approaches in screening of Phytochemicals and its bioactivity studies”.	18.07.2016 to 23.07.2016	Sathyabama University, Chennai	Chief Guest.

## SEMINAR

Name of the Association	Date	Place	Title of the Paper
National seminar on “Role of Indigenous Drugs in Viral Hepatitis?”.	28.08.1986 to 29.08.1986	Madras	Participated.
State level Seminar on “Applied Microbiology”.	28.12.1998 to 30.12.1998	Coimbatore	Participated & gave a Special Lecture on “Animal Tissue Culture”.

Seminar on “Molecular Reproduction and Biomedicine”.	12.10.2001 to 14.10.2001	Sivakasi	“Bioactive compounds from Marine Cyanobacterium with special reference to antifertility compounds”.
One day seminar on “Biosciences”.	09.08.2003	Namakkal	Immunology – An Overview Invited Guest Lecture.
“Current concepts in Biological Research”.	27.02.2004 to 28.02.2004	Tiruchirappalli	Participated.
National Seminar on “Recent trends in Microbial Biotechnology”.	07.10.2005 & 08.10.2005	Tiruchirappalli	“Biotechnology – Past, Present & future”. Invited Guest Lecture.
National Seminar on “Role of Universities in Intellectual Property Education, Research and Public Outreach”.	07.01.2006 to 08.01.2006	Gandhigram	Participated.
“Herbal Focus 2006 Land to Market”.  A National Seminar on “Marketing aspects of Medicinal Plants – A Scientific Approach”.	29.01.2006 to 30.01.2006	Tiruchirappalli	Invited talk on “Microbial Quality Control of Herbal Drugs”.
National Seminar on “Quality control & Standardization of Metal-Based Siddha & Ayurveda Medicine”.	03.08.2007 to 04.08.2007	Thanjavur	Chaired a scientific session.
Herbal Focus 2008.	January 2008	Tiruchirappalli	Chaired a scientific session.
Herbal Focus 2009.	24.01.2009	Tiruchirappalli	Chaired a scientific session.
Microbiology Association	11.09.2009	Tiruchirappalli	Inaugural address & Talk on “Microbial Resurrection –

Jammal Mohammed College.			Past, Present & Future”.
Seminar on “Immunology & Immunotechnology”.	18.09.2009 & 19.09.2009	Tiruchirappalli	Plenary Lecture on “An overview of Immunology”.
National Seminar on “Medicinal Plants Conservation, Cultivation & Utilization” FOCUS 2011.	18.03.2011 To 20.03.2011	Thanjavur	Keynote Address on “Traditional and Local Medical Knowledge of Kodai Tribals”.
State level Seminar	19.08.2011	Thiruvannamalai	Delivered Key note address
Department of Biotechnology Club Meet.	23.09.2011	Pondicherry University	Invited talk on “Stem cell biology – An overview”.
State level Seminar on “Emerging Advancements in Biosciences”.	17.03.2012	Jamal Mohamed College	Invited talk on “Prospects of Biotechnology”.
State level Seminar on “Climatic changes and its impact on Bioresources”.	23.12.2013	Sri Parasakthi College for Women, Courtallam	Invited Talk on “Environmental Aesthetics”.
National level student seminar on “Applied science in health and environment” NASHE 2014.	28.07.2014	Sathyabama University, Chennai	Invited Talk on “Immunotechnology – An overview”.
IABMS EC.	08.08.2015	IABMS, Chennai	Invited Talk on “Biopotentials of Marine Cyanobacteria”.
National level student seminar.	23.09.2016	Dept. of Tamil BARD	Special Talk.
Zoology association Special Lecture program.	30.01.2017	P.G. & Research Dept. of Zoology Periyar EVR College (Autonomous) Tiruchirappalli	Delivered lecturer on “Immunotechnology”.

National Seminar on“Biotechnology past, present and future”.	01.02.2017	Dept. of Biotechnology Bharathidasan University Constituent modal Arts and Science College for Women, Veppur	Delivered lecturer on “Biotechnology past, present and future”.
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## COURSES

### INTERNATIONAL & NATIONAL

<b>Name of the Program</b>	<b>Date</b>	<b>Place</b>	<b>Title of the Paper</b>
ICRO / UNESCO the International Training Course in cell and Molecular Biology of Gametes. Fertilization and Early Embryonic Development.	20.08.2000 to 31.08.2000	The Charles University, Prague, Czech Republic.	Participated.
IUIS – WHO AIIMS Advanced Immunology Course.	14.11.1989 to 25.11.1989	AIIMS New Delhi India	Participated.
CME Continuing Medical Education – Genomics.	22.11.2001	AIIMS New Delhi India	Participated.
Pre – Conference CME on Infections of the Central Nervous System.	21.11.2002	NIMHANS Bangalore	Participated.
NRCBS – Winter school 2011.	14.11.2011	MKU, Madurai	Resource Person – “Molecular immunology on HBV”.

### TRAINING PROGRAMME

Name of the Program	Date	Place	Title of the Paper
STORMCUP, 1995.	06.02.1995 to 18.12.1995	Tiruchirappalli	Resource Person.
STORMCUP, 1996.	09.02.1996 to 19.02.1996	Tiruchirappalli	Resource Person.
STORMCUP, 1997.	22.11.2001	Tiruchirappalli	Resource Person.
Faculty Development Programme in Teaching Entrepreneurship – Conducted by Entrepreneurship Development Institute of India, Ahamedabad.	20.12.2004 to 31.12.2004	Bangalore	Participated.
Training programme on “Issues and Challenges in Sustainable Agriculture and Rural Development in the Indian Context”.	15.11.2010 to 19.11.2010	MSSRF Chennai	Participated.
Winter School on “Clinical Molecular Immunology”.	11.10.2011 to 24.10.2011	NRCBS, SBS, MKU, Madurai	Resource person & Delivered a talk on “Molecular Diagnosis of Hepatitis B Virus”.
26 <sup>th</sup> Winter School on “Plant Cell Culture”.	08.10.2012 to 22.10.2012	NRCBS, SBS, MKU, Madurai	Resource person & Delivered a talk on “Bioresources & secondary metabolites for human welfare”.
28 <sup>th</sup> Winter School on “High Content Screening in Drug Discovery”.	28.11.2012 to	NRCBS, SBS, MKU, Madurai	Resource person & Delivered a talk on “Cell imaging”.

	12.12.2012		
Faculty Development Programme on "Pharmaceutical technology".	22.08.2013	Anna University, Trichy	Resource person & Delivered a talk on "Role of stem cells in health science".
Training cum User Awareness Programme.	19.02.2014	Bibliographic Informatics Division, National Informatics Centre, New Delhi	Participated.
Faculty Development Programme.	26.05.2015	Annai College of Arts & Science, Kumbakonam	Resource person & Delivered a talk on "Immunomodulation".

#### **ORIENTATION COURSE**

<b>Name of the Organizer</b>	<b>Date</b>	<b>Place</b>	<b>Title of the Paper</b>
Academic Staff College, Bharathidasan University.	25.08.1999 to 21.09.1999	Tiruchirappalli	Participated.
Academic Staff College, Tamil University.	13.04.2016	Thanjavur	Resource person & Delivered a talk on "Cancer Biology"

#### **UGC REFRESHER COURSE**

<b>Name of the Organizer</b>	<b>Date</b>	<b>Place</b>	<b>Title of the Paper</b>

Botany Refresher Course, Dept. of Plant Science, Bharathidasan University.	26.02.1997 to 25.03.1997	Tiruchirappalli	Delivered a special lecture on ELISA.
Techniques in Modern Biology, University of Madras	27.07.1999 to 23.08.1999	Chennai	Delivered a lecture on Immuno Technology.
UGC sponsored Refresher course in Zoology, Bharathidasan University.	29.11.2002 to 19.12.2002	Tiruchirappalli	Participated.
UGC sponsored Refresher course in Recent Trends in Medicinal Plants Research.	07.12.2006 to 27.12.2006	Thanjavur	Participated.
Dept. of Women Studies by Bharathidasan University Tiruchirappalli.	August 2008	Tiruchirappalli	Delivered lecturer on “Women Scientists – Problems faced and Prospects”.
Special Summer School 2008 – Biosciences.	August 2008	Tiruchirappalli	Delivered lecturer on “Stem Cells – An overview”.
Antimicrobial Compounds from Terrestrial & Marine Ecosystem.	08.11.08	TNAU, Coimbatore	Participated.
Refresher course in Environmental Sciences.	13.11.2010	Tiruchirappalli	Delivered lecturer on “Biosphere and Environment”.
Refreshers course in Life Sciences.	08.03.2016	Tiruchirappalli	Delivered lecturer on “Stem Cell Biology”.
Refreshers course in Life Sciences.	18.11.2016	Tiruchirappalli	Delivered lecturer on “Stem Cell Biology”.



### MEETINGS ATTENDED

Name of the Meeting	Date	Place	Role
SLET – Coordination/ implementation committee meeting.	07.05.2004	Bharathiyar University Coimbatore	Nominee – Member of the Coordination/implementation committee.
Meeting of academic counter parts – Credit Transfer between MTWU, Kodaikanal and UOM, Chennai.	14.06.2004	University of Madras Chennai	Nominee – Member.
Training on EDC – “Promotion of knowledge based enterprises in the institutions of higher learning”.	27.06.2004 to 29.06.2004	DST, UGC & Bannariyamman Institute of Technology Coimbatore	EDC – Nodal officer.
EDC advisory committee meeting.	02.09.2004 to 04.09.2004	DST, UGC & St. Xavier’s College Kolkatta	Represented Mother Teresa Women’s University as Nodal officer & presented a proposal.
TNPCB & HUL.	28.08.2015	TNPCB office, Chennai	Soil remediation.
TNPCB & HUL.	30.09.2015	TNPCB office, Chennai	Soil remediation.

### GUEST LECTURES

NAME OF THE INSTITUTION	PLACE
Prince Sri Venkateswara College	Chennai
Cauvery College for Women	Tiruchirappalli
St. Joseph College	Tiruchirappalli
Srimathi Indira Gandhi College	Tiruchirappalli
Ayyanadar Janakiyammal College	Sivakasi

Periyar College of Pharmacy	Tiruchirappalli
J.J. College of Arts & Science	Pudukottai
Lady Doak College	Madurai
Jamal Mohamed College	Tiruchirappalli
Selvam Arts and Science College	Namakkal
Periyar Maniammai Engineering College for Women	Thanjavur
Sri Adichunchanagiri College for Women	Cumbum
Nadar Saraswathi College of Arts & Science	Theni
Dhanalakshmi Srinivasan College for women	Perambalur
Tamil University	Thanjavur
P.S.G.R. Krishnammal College	Coimbatore
Pavendar Bharadidasan College of Engineering & Technology	Tiruchirappalli
Dhanalakshmi Srinivasan College of Arts & Science	Perambalur
Holy Cross College	Tiruchirappalli
Madura College	Madurai
BIT Campus, Anna University	Tiruchirappalli
Vellore College of Arts & Science for Women	Thiruvannamalai

### **TEACHING**

- M. Sc., Biological Sciences, Madurai Kamaraj University, Madurai
  - May 1991 – October 1993 (18 Months).
- M. Sc., Medical Microbiology, Dr. ALM PG IBMS, University of Madras Chennai.
  - October 1993 – November 1994 (12 Months).
- M. Sc., Microbiology, Bharathidasan University, Tiruchirappalli
  - November 1994 – February 2004 (9 Years & 3 Months).
- M. Sc., Life Sciences, Bharathidasan University, Tiruchirappalli
  - November 1994 – February 2004 (9 Years & 3 Months).
- M. Sc., Life Sciences, Bharathidasan University, Tiruchirappalli

- November 2012 – May 2014 (1 Year & 7 Months).
- M. Sc., Biotechnology, Mother Teresa Women’s University, Kodaikanal
  - March 2004 – March, 2006 (2 Years).
- M.Sc., Marine Biotechnology, Bharathidasan University, Tiruchirappalli
  - July, 2006 – May 2008 (2 years).
- M.Sc., Biotechnology, Bharathidasan University, Tiruchirappalli
  - June, 2008 – May 2012 date (4Years).
- M.Tech., Biotechnology, Bharathidasan University, Tiruchirappalli
  - September, 2008 – May 2012 date (3Years 9 Months).
- M.Phil., Industrial Biotechnology, Bharathidasan University, Tiruchirappalli
  - July, 2012 – June 2017 (5 year).
- M.Sc., Industrial Biotechnology, Bharathidasan University, Tiruchirappalli
  - July, 2013 – June 2017 (4 year).
- M.Tech., Biotechnology, Bharathidasan University, Tiruchirappalli
  - September, 2015 – June 2017 (4 year). (1 year 09 months).

## ACADEMIC RECOGNITIONS

Engineering Common Board of Studies, Bharathidasan University, Tiruchirappalli - Member

Industrial Biotechnology Board of Studies, Bharathidasan University, Tiruchirappalli - Member

Integrated M.Tech. Biotechnology BoS, Bharathidasan University, Tiruchirappalli - Member

Microbiology Board of Studies, Mother Teresa Women’s University, Kodaikanal - Member

Biotechnology Board of Studies, Bharathidasan University, Tiruchirappalli - Member

Biotechnology Board of Studies, Mother Teresa Women’s University, Kodaikanal - Member

Microbiology Board of Studies, Annamalai Univ., Chidambaram - Member

Biotechnology Board of Studies, Satyabama University, Chennai - Member

Biotechnology Board of Studies, KSR College of Arts & Science (Autonomous), Tiruchengode - Member

Biotechnology Board of Studies, Mahendra College of Arts & Science (Autonomous), Tiruchengode - Member

Microbiology Board of Studies, Lady Doak College, Madurai - Member

Microbiology Board of Studies, St. Joseph’s College, Cuddalore - Member

Biotechnology Board of Studies, Thassim Beevi Abdul Kader College for Women, Kilakarai - Special invitee

Zoology Board of Studies, Holly Cross College (Autonomous), Tiruchirappalli - Member

Add on Courses Board of Studies, MTWU, Kodaikanal	- Member
Biotechnology Question Paper setters' Board	
University of Madras, Madras	- Chairman
Applied Microbiology Question Paper setters' Board	
University of Madras, Madras	- Member
Applied Microbiology Question Paper setters' Board	
Annamalai University, Chidambaram	- Member
Applied Microbiology Question Paper setters' Board	
Thiruvalluvar University, Vellore	- Member
Applied Microbiology Question Paper setters' Board	
Madurai Kamaraj University, Madurai	- Member
Applied Microbiology Question Paper setters' Board	
Manonmanium Sundaranar University, Thirunelveli	- Member
Applied Microbiology Question Paper setters' Board	
Periyar University, Salem	- Member
Doctoral Committee, Bharathidasan University, Chennai	- Member
Doctoral Committee, Satyabama University, Chennai	- Member
Doctoral Committee, SRM University, Chennai	- Member
Andhra University, Visagapattinam	- Ph.D Thesis evaluator
Tamil Universit, Thanjavur	- Ph.D Thesis evaluator
Kerala University, Kochin	- Ph.D Thesis evaluator
Punjab University, Chandigarh	- Ph.D Thesis evaluator
University of Madras, Chennai	- Ph.D Thesis evaluator
Osmania University, Hyderabad	- Ph.D Thesis evaluator
Pandit Ravi Shankar Sukla University, Raipur	- Ph.D Thesis evaluator
Annamalai University	- Ph.D Thesis evaluator
Manonmanium Sundaranar University, Tirunelveli	- Ph.D Thesis evaluator
Bhavanagar University	- Ph.D Thesis evaluator
University of Culcutta, Kolkatta	- Ph.D Thesis evaluator
Shobit University, Meerut	- Ph.D Thesis evaluator

## REFERENCE

### **Dr. K. Dharmalingam**

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Former Vice – Chancellor, University of Madras, Chennai – 600 113

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## PERSONAL DETAILS

Name : **Dr. (Mrs.).T. THIRUNALASUNDARI**  
Date of Birth : 05.03.1957  
Age : 60 years 3 months  
Sex : Female  
Nationality : Indian  
Marital Status : Married  
Husband's Name : **Mr. CT. SUBBIAH**  
Number of Children : One  
Son's Name : **Er. S. JEEVA CHITHAMBARAM**  
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### Declaration

The facts given above are true to the best of my knowledge.

**(T.THIRUNALASUNDARI).**