



Faculty Name: Dr.A.Usha Raja Nanthini

Designation: ASSOCIATE PROFESSOR and HEAD

Official Address: DEPARTMENT OF BIOTECHNOLOGY, Mother Teresa Women's University, Kodaikanal-624 102.

Date of Join in the Institution: 24.1.2014

Contact:

1	Official Address	DEPARTMENT OF BIOTECHNOLOGY, Mother Teresa Women's University, Kodaikanal-624 102.
2	Employee Number	A034/BT/MTWU
3	Date of Birth	29.9.1979
4	Contact Phone (Mobile)	9486759495
5	Contact e-mail (s)	biotechurn@gmail.com

Academic Qualifications: M.Sc., M.Phil., PGDIPR., Ph.D.,

Teaching Experience: 13 Years

Research Experience:

Name of the Fellowship	Period	Institution
UGC Women Post Doctoral Fellowship	2011-2014	Sri Paramakalyani College of Arts and Science, Alwarkurichi

Additional Responsibilities:

Designation	Period
Dean, Science	18.05.2017 to till date
Co ordinator – RUSA	13.07.2017 to till date
NSS Coordinator	12.09.2016 to 29.06.2018
Co ordinator, Vivekananda	18.05.2017 to 6.6.2018

Studies	
Co ordinator cultural cell	18.05.2017 to 6.6.2018
Rotaract Staff Coordinator	14.8.2014 to 6.6.2018
Dean, Student Affairs	6.6.2016 to 6.6.2017
IP Cell Coordinator	6.6.2018 to till date
Campus Incharge	8.4.2014 to 6.6.2017

Areas of Research: Mycotechnology, Medicinal Biotechnology

Research Supervision / Guidance (in Numbers):

Programme of Study		Completed	Ongoing
Research	PhD	-	6
	M.Phil	8	1
Project	PG	18	3
	UG/Others	5	-

Publications (in Numbers):

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
16	12	5	15	5

Cumulative Impact Factor (as per JCR) :

h-index : 5

i10 index : 4

Total Citations : 178

Funded Research Projects:

I. Ongoing Projects:

S.No.	Agency	Period		Project Title	Amount (Rs.)
		From	To		
1.	TNSCST	09/06/2017	3 years	Identification of Potential anti-dermatophytic essential oils among the fifteen Eucalyptus species in Palani Hills.	10,62,300

2.	DST	23/03/2018	3 years	Identification, Barcoding of Palani Hills Basidiomycetes and Mycosynthesis of biodegradable packing material alternative to Sytrofoam.	1,06,72,915
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II. Completed Projects:

S.No.	Agency	Period		Project Title	Amount (Rs.)
		From	To		
1.	DST-TDT	18/12/2012	31/12/2015	Application and standardization of natural dyes on natural fibres to enhance the quality of handicrafts.	16,00,000

Patents:

Application Number: 2560/CHE/2014 A, Publication Date: 13/06/2014

Distinctive Achievements / Awards:

- Dr.Usha Raja Nanthini and P.S.Preethi received second prize in National seminar on “Frontiers in Bioprocess Technology and Microbial Ecology [FBTME-2016] organised by Department of Microbiology, Periyar University.
- Dr.A.Usha Raja Nanthini and M.Suganya received best paper award for the paper titled “Mycosynthesis of silver Nano particles using red yeast rice by Department of Biotechnology, Thiruvalluvar University, Vellore
- Dr.A.Usha Raja Nanthini awarded “Maxium Lichen samples collector” during NALANDA-2017 organised by Kamaraj College of Engineering and technology.
- Dr. A. Usha Raja Nanthini, Associate Professor, Department of Biotechnology, received YOUNG SCIENTIST AWARD from Karunya Institute of Technology, Coimbatore on 6th April 2018.
- Dr. A. Usha Raja Nanthini, Associate Professor, Department of Biotechnology, received Outstanding Faculty award in the International conference on Recent trends in Science & Technology, AIMST University, Kedah, Malaysia.

Events organized in leading roles:

Number of Seminars / Conferences / Workshops / Events organized: Total	18
1. International level seminar/ Conference :	3
2. National level seminar/ Conference :	9
2. Refresher Course :	-
3. Workshop :	6
4. National Youth Parliament Competition :	-

Overseas Exposure / Visits:

Year	Country	Purpose
2018	Malaysia	Conference

Membership in:

1. Professional Bodies:

Life member of Indian Lichenological Society, Membership number: 160.

Life member of Mycological society of India

Life member of Mushroom society of India.

2. Academic Bodies (such as Board of Studies, etc.):

I. Board of Studies – Chair Person for Board of Studies- Biotechnology & Botany

II. Academic Council:

- Jayaraj Annapackiam College for Women from 28.11.2016

- Arulmigu Palaniandavar Arts College for Women from 6.12.2018

III. Academic Audit – Distance Education and ED Cell

IV. College Affiliation Committee – Yes

Resource Persons in various capacities:

Number of Invited / Special Lectures delivered: 9

Others:

1. No. of PhD Thesis evaluated: 10

2. No. of PhD Public Viva Voce Examination conducted: 9

3. Sequences submitted in Gen Bank:

-KY611856

-KY611854

-MF621053