



**Faculty Name: Dr.A.USHA RAJA NANTHINI**

**Designation: PROFESSOR & 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
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**Academic Qualifications:** M.Sc., M.Phil., PGDIPR., Ph.D.,

**Teaching Experience:** 16 Years

**Research Experience:** 16 years

**Additional Responsibilities:**

Designation	Period
Dean, Science	18.05.2017 to 18.06.2019
Co ordinator – RUSA	13.07.2017 to till date
NSS Coordinator	12.09.2016 to 29.06.2018
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
NAAC Coordinator	19.05.2020 to till date

**Areas of Research:** Mycotechnology, Medicinal Biotechnology

**Research Supervision / Guidance (in Numbers):**

Programme of Study		Completed	Ongoing
Research	PhD	-	6
	M.Phil	9	-
Project	PG	21	1
	UG/Others	5	-

**Publications (in Numbers):**

International	National		Others
Journals	Conferences	Journals	Conferences
			Books / Chapters / Monographs / Manuals
34	12	5	15
			6

Cumulative Impact Factor (as per JCR) :

h-index : 8

i10 index : 7

Total Citations : 375

**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/SSTP/ TN/104	23/03/2018	3 years	Identification, Barcoding of Palani Hills Basidiomycetes and Mycosynthesis of biodegradable packing material alternative to Styrofoam.	1,06,72,915
3.	TNSCST	16/9/2019	3 years	Technology Demonstration and Dissemination on	4,00,000

				Mushroom Cultivation and Training	
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## II. Completed Projects:

S.N o.	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

Geographical Indication facilitated for 'Kodaikanal Malai Poondu': Got GI tagged on 27.7.2019

Geographical Indication facilitated for 'Udangudi Panangkarupatti' : Application filed on 16.06.2020

### Patents:

1. Application Number: 2560/CHE/2014 A, Publication Date: 13/06/2014
2. Application Number: 202041037623, 1/9/2020

### Distinctive Achievements / Awards:

- **OUTSTANDING FACULTY AWARD** in the International conference on Recent trends in Science & Technology, AIMST University, Kedah, Malaysia.
- **UGC Women Post Doctoral Fellowship- 2011-2014**

### Events organized in leading roles:

Number of Seminars / Conferences / Workshops / Events organized: Total	23
1. International level seminar/ Conference :	3
2. National level seminar/ Conference :	13
2. Refresher Course :	-
3. Workshop :	7
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: 16

#### Others:

1. No. of PhD Thesis evaluated: 10

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