

**CAUVERY COLLEGE FOR WOMEN**  
**(AUTONOMOUS)**  
**STAFF PROFILE**

**PERSONAL INFORMATION**

**1. Name : Dr.V.ARUNA**

**2. Date of Birth : 17.06.1986**

**3. Address &contact number:**

<b>Residential</b>	<b>Office</b>
13,Shakthi nagar, T.V.kovil, Trichy-620005.	Assistant Professor, Department of Microbiology, Cauvery college for women, Annamalai nagar, trichy-18

**ACADEMIC INFORMATION**

**4. Designation & Department: Assistant Professor & Microbiology**

**5. Educational Qualification :**

<b>Degree</b>	<b>Year</b>	<b>College/University</b>
P.hD., Micro Biology	2017	Bharathiyar University
M.Phil., Micro Biology	2010	Srimad Andavan Arts and Science College, Trichy.
M.Sc., Micro Biology	2009	Srimad Andavan Arts and Science College, Trichy.
B.Sc., Micro biology	2007	Srimad Andavan Arts and Science College, Trichy.

**6. Researcher id :**

BDU Researcher id: BDU02844001745

Email.id: [aruna.mb@cauverycollege.ac.in](mailto:aruna.mb@cauverycollege.ac.in)

Linked in: <https://www.linkedin.com/in/aruna-jeyakumar-9b74741b0/>

Goolge Scholar id: sQrsQ0oAAAAJ&hl=en

Orchid id: <https://orcid.org/0000-0002-2059-0752>

Scopusid:[https://id.elsevier.com/settings/redirect?code=V08bymrxGHEO\\_BVmMHKE6cprUb-vUW8QbxNBnism](https://id.elsevier.com/settings/redirect?code=V08bymrxGHEO_BVmMHKE6cprUb-vUW8QbxNBnism)

Mendeley: : <https://www.mendeley.com/reference-manager/library/all-references/>

Web of Science: ResearcherID [AAJ-3769-2021](https://orcid.org/0000-0001-9141-3769)

Publons: <https://publons.com/researcher/4333235/aruna-v/>

Vidwan: <https://vidwan.inflibnet.ac.in/profile/205750>

## 7. Experience :

Date of Joining	Institution	Year of Experience
6.12.2018	Cauvery college for women,Trichy	Til date
27.12.2017	M.I.E.T Arts and ScienceCollege, Trichy.	1 year
7.07.2014	Sri Saradha College of Artsand Science for Women ,Perambalaur	3 years & 6months
1.07.2011	Dhanalakshmi Srinivasan College of Arts and Sciencefor Women, Perambalaur	2 years& 6 months

**8. Areas of Specialization** : Medical Microbiolgy, Molecular Biology, Industrial Microbiology, Bioethics and IPR.

**9. Languages known** : Tamil, English

## 10. Subjects Taught :

<b>UG</b>	Fundamentals of microbiology, microbial metabolism, immunology, introductory virology, agri&environmental microbiology, Medical Microbiology ,Microbial Genetics ,Bio ethics, Bio inoculants , Molecular Biology, Industrial Microbiology ,Microbial Biotechnology, Food Microbiology
<b>PG</b>	General Microbiology, Virology, Microbial Physiology, Environmental and Agricultural Microbiology, Molecular Biology and Microbial Genetics, Marine microbiology,Medical laboratory technology,Biological techniques,

## 11.Research Supervision: NIL

	University from where guide ship obtained	Thesis		
		Completed (in numbers)	Year of Completion	Pursuing (innumbers)
<b>M.Phil</b>	-	-	-	-
<b>Ph.D</b>	<b>Bharathidasan University</b>	-	-	-

## 12.Details of Publications:

Journal Name & Volume	Year of Publication	ISBN Number	Name of the Paper	Impact Factor
Asian Journal of Pharmacology and Biological Research Vol. 1	2011	2231-2218	In vitro Antioxidant screening of Hemidesmus indicus root from South India	0.17
International Journal of Pharmacognosy and Phytochemical Research Vol. 3	2011	0975-4873	Pharmacognostical and Phytochemical Studies on Hemidesmus Indicus Root	1.279
International Research Journal of Biological Sciences& Vol. 4	2015	2278-3202	Antagonistic effect of marine Actinobacteria on MDR Uropathogens	3.679
World Journal of Pharmaceutical Research& Vol. 4	2015	2277–7105	Optimization of antimicrobial substance production by streptomyces rw2-3 strain isolated from sea water	5.990
Journal of Emerging Technologies and Innovative Research& Vol.6	2018	2349-5162	Phytochemical screening and antimicrobial activity of withania somnifera andrographis paniculata, centella asiatica and Leaves	5.87
Journal of Advanced Scientific research. UGC Care list	2020	0976-9595	ANTIMICROBIAL ACTIVITY OF DIETHYLTHALATE ISOLATED FROM MARINE STREPTOMYCES MW09-1: AN INSILICO APPROACH	-
International Journal of Botany Studies. Web of Science Indexed & UGC Care list	2021	566-573	BIOACTIVE COMPOUNDS ISOLATION FROM EFFICIENT MARINE STREPTOMYCES MW09-1(RW2-3) BY GC-MS ANALYSIS	5.12
International Journal of Botany Studies. Web of Science Indexed & UGC Care list	August 2021	2455-541X	Amylolytic potentiality of fungi isolated from agricultural wastes	5.12

International Journal of Botany Studies. <b>Web of Science Indexed &amp; UGCCare list</b>	September 2021	2455-541X	Extraction and characterization of microbial pigment	5.12
International Journal of Entomology Research. <b>Web of Science Indexed &amp; UGCCare list</b>	September 2021	2455-4758	Stingless bee Honey:review of the therapeutic potential and its nutraceutical properties	-
Research Journal of Pharmacy and Technology. <b>Scopus Indexed &amp; UGC Care list</b>	December 2021	0974-3618	Bioremediation of Kitchen wastes through Mushroom Cultivation and Study their Phytochemical and Antioxidant Potential using GCMS Chromatogram	-
The Journal of Plant Science Research. <b>UGC Care list</b>	2022	0976-3880	Comprehensive analysis of chromium degrading bacteria from tannery effluent	-
Biological Forum – An International Journal. <b>UGC Care list</b>	2023	2249-3239	Plant Growth Promoting Rhizobacteria: A Review on Biomass Production and its Scope in Commercialization	-
Biological Forum – An International Journal. <b>UGC Care list</b>	2023	2249-3239	Production and Optimization of Biofuel from Lignocellulosic waste using natural Bacterial consortia	

### 13.Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
2.02.2008& 3.02.2008	Srimad Andavan Arts & Science College, Trichy.	Medical Plant Research & Marketing- Present Scenario	Anti cancerous plants in and around trichy – a select study
21.01.2012	Senmala Thayaar Educational Trust , Mannarkudi	Biotechnological Nano technological Approaches in food processing	Antidiarrhoeal activity of hemidesmus indicus (l) in experimental animals
9.08.2019	Senmala Thayaar Educational Trust , Mannarkudi	Microbial innovations for the welfare of humanbeings	Invivo anti Diarrhoeal and Antioxident activity of hemidesmus indicus Root

**14.Details of Seminars / Conferences / Workshops Attended:**

<b>Year &amp; Date</b>	<b>Organizer</b>	<b>Title</b>	<b>National / International</b>
11.08.2004	Srimad Andavan Arts A Science College.	Save the earth2004	National
7.10.2005& 8.10.2005	Srimad Andavan Arts A Science College.	Recent trends in microbial biotechnology 2005	National
5.10.2006& 6.10.2006	Srimad Andavan Arts A Science College.	Emerging trends in microbial diseases and traditional system of medicines, microgalaxy 2006	National
06.12.2008	Nehru Memorial College Puthanam Patti, trichy(Dt)	Advance in Biopharming technologies	National
28.1.2011& 29.12.2011	H.H.The Rajah's COLLEGE , Pudukkottai .	Natioal seminar on recent advances inLife sciences	National
2.02.2008& 3.02.2008	Srimad Andavan Artsand Science College.	Natioal seminar on medcinal planresearch & Marketing- present Scenario	National
21.01.2012	Senmala Thayaar Educational Trust , Mannarkudi	Natioal seminar on biotechnological nano technological approaches in Food rocessing	National
9.08.2019	Department of Microbiology, Senmala Thayaar Educational Trust ,Mannarkudi	Microbial innovationsfor the welfare of Humanbeings	International
26.08.2019 & 27.08.2019	Department of Microbiology, JJ college of arts and science. Pudukottai.	Recent trends in drug discovery, development and targeted drugdelivery For cancer	National

**15.Details of Orientation / Refresher Course Attended:**

<b>Date</b>	<b>Title of the Course</b>	<b>Organizer</b>
29.07.2019 – 29.09.2019	Organic Farming For Sustainable Agricultural Production,	NPTEL

**16.Details of Study Materials / Books written and published:**

- Published a book chapter in entitled “A Critical Review on Role of Nanoparticles in Bioenergy Production” in Material for Sustainable Energy Storage at the Nanoscale, Page no: 225-232. ISBN: 9781032405438, July 2023, Taylor & Francis, CRC Press.

**17.Details of Chairing as Resource Person:**

<b>Date</b>	<b>Title of the Seminar/Conference</b>	<b>Session Chaired</b>
15.09.2012	Global warming Outreach programme organized by Dhanalakshmi Srinivasan College of Arts and Science for Women, Perambalur.	<b>Session I</b>
24.02.2017	NSS camp organized by bharadhidasan university National Service scheme and Sri Saradha College of Arts and Science for Women.	<b>Session II</b>

**18.Details of Incharge / Participation in Extracurricular Activities:**

(NSS, NCC, Sports, Games, Voluntary Association and Cultural Activities):

<b>Nature of Activity</b>	<b>Period of Incharge</b>
Mushroom cultivation certificate course incharge, Cauvery college for Women (Autonomous), Trichy.	2019-2020
Cultural Activities (Assistant), Cauvery college for Women (Autonomous), Trichy.	2019-2020
Cultural Activities, Cauvery college for Women (Autonomous), Trichy.	2020-2021
Cultural Activities, Cauvery college for Women (Autonomous), Trichy.	2021-2022
Blood donor club	2021-2022
Department Club (Jenner’s club) Incharge	2023-2024

**19.Details of Participation in Consultancy, Training, Development etc..: NIL**

**20. Details of Membership in Academic Bodies/ Board of Studies:**

- Acting as Question paper setter r in UG Microbiology at Periyar University, Salem.
- Acting as UG examiner –Microbiology board – Bharathidasan University .
- Acting as Question paper setter r in UG Microbiology at Selvam College, Namakkal.
- Acted as UG question paper setter –Microbiology board – Vellaichami Nadar College (Autonomous).Madurai

**21. Details of Membership of Professional Bodies:**

- Life time Membership in Microbiologist Society, India.

**22. Any other information if any:**

- a. Post Graduate Diploma in Herbal Technology (PGDHT)
- b. Attended International webinar Attended - 5
- c. National webinar Attended -13
- d. State level webinar-04
- e. Faculty Development Programme Attended - 05
- f. Received certificate of appreciation as Mentor for NPTEL online course on Cell culture Technologies.