

Curriculum Vitae

Dr. K.Anandhi

Assistant Professor and Head, Department of Microbiology

Shrimati Indira Gandhi College

Trichy-2

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EDUCATIONAL QUALIFICATION

Degree/ Exam	Subject	Institution / University	Year of Completion	Specialization
Ph.D.,	Microbiology	PRIST University , Thanjavur	2015	Environmental & Agricultural Microbiology
M. Phil.,	Microbiology	Bharathidasan University , Tiruchirappalli-24	2007	Environmental & Agricultural Microbiology
SET	Microbiology	BharathiyarUniversity, Coimbatore	2006	-
M.Sc.,	Microbiology	Shrimati Indira Gandhi College , Tiruchirappalli-2	2006	Environmental & Agricultural Microbiology
B.Sc.,	Microbiology	Shrimati Indira Gandhi College, Tiruchirappalli-2	1999	-

ACADEMIC EXCELLENCE

- Passed State Eligibility Test when studying final year M.Sc Microbiology
- University **Rank Holder** in M.Sc., Microbiology
- Awarded **First prize for General Proficiency in Microbiology** for the year 2004-2005, Shrimati Indira Gandhi College, Trichy.
- Awarded **First Prize for General Proficiency in Microbiology** for the year 2005-2006, Shrimati Indira Gandhi College, Trichy.

PROFESSIONAL EXPERIENCE

Total year of Experience : 12 years 11 months

- Working as Assistant Professor and Head, Department of Microbiology, Shrimati Indira Gandhi College, Tiruchirappalli Since September 2006.
- Promoted as Head ,Department of Microbiology from June 2009.

SEED MONEY PROJECT

- Seed money Rs. 10,000 received from the Management of Shrimati Indira Gandhi College for the project “**Isolation and identification of antibiotic resistant bacteria and the effect of medicinal plants on them.**” and completed during 2015-2016.

PAPERS PUBLISHED

International Peer Reviewed Journals 2017-2018

- “Restriction fragment length Polymorphism analysis of *Rhizobium sp* isolated from *Dolichous lablab*” *World Journal of Pharmaceutical Research*, ISSN 2277-7105, Vol 7(8), pp:486-492. Impact factor: 8.074, UGC approved Journal, APRIL, 2018
- Biological extraction of Chitin And Chitosan from Marine Fungi, its Characterization, antimicrobial activity against MDR Pathogens and anti Cancer Activity, *World Journal Of Pharmaceutical Research*, ISSN 2277-7105, Vol 6(15), pp:844-863. Impact factor: 7.523, UGC approved Journal, NOV, 2017
- “Antibacterial(wound Infecting bacteria) and anticancer activity of Different types of honey and its compound Characterization”, *World Journal Of Pharmaceutical Research*, ISSN 2277-7105, Vol 6(15), pp:864-875. Impact factor: 7.523, UGC approved Journal, NOV, 2017
- “Isolation and characterization of Some antibiotic resistant Bacteria from hospital Drainage sample” *World Journal Of Pharmaceutical Research*, ISSN 2277-7105, Vol 6(15), pp:876-886. Impact factor: 7.523, UGC approved Journal, NOV, 2017

2016-2017

- “Biodegradation of Hair dye by Marine fungal isolates”, *World Journal of Pharmacy and Pharmaceutical Sciences*, ISSN NO:2278-4357, Vol5(9): pp 2314-2331. Impact factor: 6.041, SEP, 2016
- “Cloning, sequencing and Bioinformatic analysis of Banana Streak Virus(BSV) Isolates”, *World Journal of Pharmacy and Pharmaceutical Sciences*, ISSN NO:2278-4357, Vol6(1): pp 704-717. Impact factor: 6.041, JAN, 2017

- “Cloning,sequencing and Bioinformatic analysis of Banana bract mosaic Virus(BBRMV) Isolates”, *World Journal of Pharmacy and Pharmaceutical Sciences*, ISSN NO:2278-4357,Vol6(1): pp 718-732. Impact factor: 6.041,JAN,2017

2015-2016

- “Isolation and identification of wound pathogens and analysis of antibiotics and soap” *International Journal of Scientific Research*, ISSN 2277-8179:VOL 4(7),pp:200-202. Impact factor: 3.2416

2013-2014

- “Phytochemical screening and antibacterial efficacy of *Allium porrum* extracts ” *International Journal of Pharma and Biosciences*, ISSN 0975-6299:VOL 4(4),pp:200-202. Impact factor: 0.47(Indexed in ELSEVIER Bibliographic data base,Scopus and Embase),October 2013
- “A Study on antioxidant,proximate analysis,antimicrobial activity and phytochemical analysis of *Ipomoea pescaprae* by GC-MS ” *International Journal of Biotechnology and Allied fields*, ISSN 2320-0774:VOL 1(7),pp:380-386. Impact factor: 0.32,July,2013(IJBAF got a score of 11.30 from science central.com is indexed in Google scholar)
- “Analysis of phytochemical constituents, antibacterial activities of *Clerodendron inerme* against some selected pathogens ” *International Journal of Biotechnology and Allied fields*, ISSN 2320-0774:VOL 1(7),pp:387-393. Impact factor: 0.32,July,2013(IJBAF got a score of 11.30 from science central.com is indexed in Google scholar)

SYMPOSIUM, SEMINAR, CONFERENCE AND WORKSHOP ATTENDED

- Participated in the International Conference on “**Food Technology**” at Indian Institute of Crop Processing Technology, Thanjavur from 28.8.2009 to 30.8.2009.
- Participated in the UGC Sponsored National Level Seminar on “**Recent Trends in Secondary Metabolic Engineering**” at Bharathidasan University, Trichy on 5.1.2010.
- Participated in the National Conference on “**Microbiological Research in 21st Century**” at Bharathidasan University, Trichy on 27.2.2012 & 28.2.2012.

- Presented a poster on **“Nitrogen Fixation of Symbiotic Rhizobium under Stress Condition”** in the **International Workshop** at Prist University, Thanjavur from 4.12.2012 to 6.12.2012.
- Attended an **International Conference on “Food Technology”** at IICPT, Thanjavur on 4.1.2013 and 5.1.2013
- Attended and presented a paper in an **International Conference on Clinical Research** on the topic ‘Studies on Antibacterial activity of fermented tea against clinical pathogens at SIGC, Trichy on 25.01.2016.
- Attended an **International workshop on Biochemical techniques** at SIGC, Trichy on 02.01.2017
- Attended and presented a paper in the **National Conference** Current trends in Drug, Discovery and Development on the topic “Antibacterial and anticancer activity of Honey against bacteria isolated from wounds” at Alva’s College, Mangalore on 23.02.2017.

FDP ATTENDED

- Attended a faculty development programme on “Know – how techniques of MS-OFFICE” conducted by the Department of Computer Science.
- Attended a faculty development programme on “SPSS Packages” organized by the Department on Maths .

AWARDS AND RECOGNITION

- A member of Project proposal Committee of the college from 2009- 2019
- Coordinator & Judge for Women’s day competitions from March-2010- March 2019
- Acted as a Judge for the Rangoli Competitions conducted by the Hello FM 106.4 in 2010
- Acted as a Judge for the Competitions conducted by the Kumudham Snegithi on 31.07.2010
- Acted as a Judge for the Competitions conducted by the Aval Vigadan 02.08.2010
- Convenor of the State level seminar on “Recent Trends in Biosciences” at Shrimati Indira Gandhi College on 24.08.2011.
- Acted as a Judge for the Cookery Competitions conducted by the Hello FM 106.4 in 2011
- Acted as a Judge for the Competitions conducted by the Hello FM 93.5106.4 in 2012-13

- Acted as a Judge for the Competitions conducted by the Mangaiyar Malar on 15.03.2014
- Acted as a judge for Quiz Competition and coordinator of Public Health Awareness Program On 18.05.2014 organized by the department of Microbiology & Biochemistry with Geethanjali Medical Centre & Dhinamalar.
- A member of **Board of Studies** in Microbiology of the Bharathidasan University since 2012 to 2015.
- Received Rs.1000 cash award from our Management for International peer reviewed Paper publication during 2015-16.
- Received Rs.3000 cash award from our Management for International peer reviewed Paper publication during 2016-17.
- Acted as a judge for Millets exhibition, Shrimati Indira Gandhi College on 26.08.17
- Acted as a judge for the Vegetable and Fruit carving competition in the 'Interschool competition-SANFEST' 2017 at Sri Sankara Matriculation School, Trichy on 04.11.2017.
- Acted as a judge for women's day MEGANTHI competitions for Hostel students on 03.04.2018.
- Received Rs.4000 cash award from our Management for International peer reviewed journal Paper publication during 2017-18.
- Acted as a judge for Poster making in the topic 'Menstrual hygiene' organized by Hospital Administration department on 16.02.2019 in our campus.

PERSONAL PROFILE

Date of birth	01.02.1979
Fathers name	R.Kandhaswamy
Nationality	Indian
Religion	Hindu
Gender	Female

RESIDENTIAL ADDRESS

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