

Curriculum Vitae

Dr. K.Anandhi,M.Sc.,SET.,M.Phil.,Ph.D.,

Assistant Professor and Head, Department of Microbiology

Shrimati Indira Gandhi College

Trichy-2

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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.

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

- “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, it's 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 it's 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
- “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
- “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
- “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

- Recognized as **Research Guide** by Bharathidasan University for guiding **M.Phil.,** and **Ph.D .,**
- A member of **Board of Studies** in Microbiology of the Bharathidasan University from 2012 to 2015.
- A member of Project proposal Committee of the college from 2009- 2019
- Coordinator & Judge for Women's day competitions .
- Acted as a Judge for the Rangoli and Cookery Competitions conducted by the Hello FM 106.4
- Acted as a Judge for the Competitions conducted by the Kumudham Snegithi.
- Acted as a Judge for the Competitions conducted by the Aval Vigadan.
- Convenor of the State level seminar on "Recent Trends in Biosciences" at Shrimati Indira Gandhi College.
- Acted as a Judge for the Competitions conducted by the Hello FM 93.5.
- Acted as a Judge for the Competitions conducted by the Mangaiyar Malar.
- Acted as a judge for Quiz Competition and coordinator of Public Health Awareness Program organized by the Department of Microbiology & Biochemistry with Geethanjali Medical Centre & Dhinamalar.
- 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.