



DR K.R.T ASHA

ASSISTANT PROFESSOR/ HEAD OF DEPARTMENT ☎ 9486652216

◦ DETAILS ◦

9486652216
drkrtasha@gmail.com

◦ SKILLS ◦

Effective Teaching

Biochemistry

Enzymology

Molecular Biology

Clinical Biochemistry

Analytical Biochemistry

◦ LANGUAGES ◦

English

Tamil

Malayalam

Hindi

👤 PROFILE

A Passionate teacher with 25+ years teaching and research experience in the field of Metabolism, Clinical Bio-Chemistry, Enzymology, Molecular Biology and Analytical Bio-Chemistry.

📁 EMPLOYMENT HISTORY

Head of the Department at S.Chattanatha Karayalar College, Tenkasi, Tenkasi
July 1996 — July 2001

Assistant Professor at Malankara Catholic College, Kaliyakavillai
July 2001 — January 2011

Assistant Professor at Govt. Arts College, Paramakudi, Paramakudi
February 2011 — Present

🎓 EDUCATION

M.Sc, University of Kerala, Trivandrum
June 1984 — May 1996

M.Phil, Barkatullah University, Bhopal
June 1988 — May 1989

Ph.D, Manonmaniam Sundaranar University, Tirunelveli
May 2003 — May 2009

★ REASEARCH AND GUIDANCE

Doctor of Philosophy

1. A.P.Anu Aravind, Reg No:7600 (Manonmaniam Sundaranar University), Awarded on 29.12.2016, Topic: Phyto chemical evaluation and bioactivity studies on *Garcinia ntravancorica*- an endemic plant to southern ghats.
2. S.R.Ramya, Reg No: 8477 (Manonmaniam Sundaranar University), Awarded on Dec-28, 2017), Topic: Bio-prospecting of moderate halophiles for the development of potent novel extracellular polymeric substances.
3. S.Subbrayalu, Reg No: 8176 (Manonmaniam Sundaranar University), Awarded on Feb 27, 2020, Topic: Isolation, characterization and structural elucidation of bioactive students from selective medicinal plants around western ghats in trinelveli dist.
4. Mini Alphonsae, Reg No: 8175 (Manonmaniam Sundaranar University) Awarded on Oct-4, 2019, Topic: Investigation of pharmo chemical properties of selected sea weeds of south west coast of India
5. S.Murugan, Reg No: 8177 (Manonmaniam Sundaranar University) Awarded on Nov-30, 2018 Topic: Purification and biochemical characterization of selective metalloproteases isolated from haloarcheal species

Paper Publications, 16 papers

1. Divya C.V, Devika.V, Asha K.R.T Bharat G. Antimicrobial Screening of the Brown Algae *Sargassum cinereum*. *Journal of Pharmacy Research*. 2011,4(2),420-421.
2. Valan Arasu M , Asha K R T, Duraipandiyan V, Ignacimuthu S, Agastian P. Characterization and phylogenetic analysis of novel polyene type antimicrobial metabolite producing actinomycetes from marine sediments: Bay of Bengal, India *Asian Pac J Trop Biomed*. 2012 ;2(10):803-810.
3. Ramya S. R, Asha K. R. T, Baskaran N. Isolation and Characterization of Bacterial Strains from Sea Water of Mandaicad in Tamil Nadu, India *International Journal of Pharmaceutical & Biological Archives* 2012; 3(6):1527-1532.
4. Roseline S. Kantida, Asha K.R.T, Sujatha S. Influence of Bioactive Compounds from Seaweeds and its Biocidal and Corrosion Inhibitory Effect on Mild Steel. *Research Journal of Environmental Toxicology*. 2012;6;3:101-109.
5. Asha K.R.T, Roselin S. Kantida Sujatha V. Augumentative probable impact of Atrazine and ubiquties persistant on prokaryotic and eukaryotic organism. *V Asian journal of chemical and pharmaceutical research*. 2014.Vol .2(2):156-164.
6. Anu Aravind A. P, Asha K.R.T, Rameshkumar K. B. Phytochemical analysis and antioxidant potential of the leaves of *Garcinia travancorica* Bedd. *Nat Prod Res*. 2016;30(2):232-236.
7. Ramyaa S. R, Asha K.R.T. b Physico –chemical characters of exo polysaccharide from the halotolerant *Virgibacillus* species isolated from the solar salt pan. *Photon journal of microbiology*. 2016 ,276-282.
8. Ramyaa S. R, Asha K.R.T. Halophilic Exopolysaccharides isolated from Swamithope salt pan, induce cell death through Apotosis in A549, MCF-7, HT 29 cancer cells. *World Journal of pharmaceutical sciences* 2016; 4(6): 437-444.
9. Murugan S, Asha K. R. T, Packia Lekshmi N. C. J. Isolation and purification of superoxide dismutase from haloarcheal strain. *Scholars research libraray* 2016; 8(19):370-379.
10. Aravindakshanpillai P, Anu Aravind, Renu Pandey, Brijesh Kumar, Asha, K.R. T, Koranappallil B Rameshkumar. Phytochemical screnning of *Garcinia travancorica* by HPLC-ESI-QTOF Mass spectrometry and cytotoxiciity studies of the major Biflavonoid Fukugiside. *Natural product communication*.2016;11:12 1839-1842.
11. J K Mini Alphonse, K R T Asha, G Emmanuel, Investigation of Antibacterial and anti oxidant Efficacy of *Sargassum wightii*, *Inventi Rapid: Pharm Biotech and Microbio Vol,2018, Issue 3 [ISSN 2278-4098]*
12. J K Mini Alphonse, K R T Asha, G Emmanuel, Green sea weed *Ulva faciata*: A fuctional food and its antioxidant activity. *Inventi Rapid: Nutraceuticals Vol,2018, Issue 3 [ISSN 0976-3872]*
13. J K Mini Alphonse, K R T Asha, G Emmanuel, Phytochemical analysis, antimicrobial and anti oxidant potential of *lithophyllum tortuosum*. *Journal of emerging technologies and innovative research* 2019 VOL 6 issue 1[ISSN 2349 – 5162]
14. J K Mini Alphonse, K R T Asha, G Emmanuel, Evaluation of Anti Cancer and Anti Inflammatory potential of methanolic extract of green sea weed *Ulva faciata*. *International Journal Pharmacy and Biological sciences* 2019 [ISSN 2321-3272]
15. Subburayalu S, Asha, K.R.T, Deepa Somanath, Palavesam A. Hepatoprotective potential of *Indigofera tirunelvelica* Sanjappa: in vitro and in vivo studies on CCl4 induced Wister albino rats. *International journal of research and pharmaceutical science* 2020, 6404-6410[0975-7538]
16. Joseph Selvin a, Soniya Joseph a, K.R.T. Asha , W.A. Manjusha , V.S. Sangeetha D.M. Jayaseema , , M.C. Antony , A.J. Denslin Vinitha. Antibacterial potential of antagonistic *Streptomyces* sp. isolated from marine sponge *Dendrilla nigra* *FEMS Microbiology Ecology* 50 (2004) 117–122

EXTRA-CURRICULAR ACTIVITIES

- YRC- Co-ordinator 2017-2020
- Advisory committe member for girl students
- Organized: International Women's Day celebration 8th march 2021.

- Organized: National Science day,26th feb 2021. Covid Awareness programme in the campus- Poster presentation 10 th Feb-2020
- Organized: World Cancer day 4th feb, 2020,YRC.
- Organized: E- Poster online competition,Jul,6 2020
- Organized: Covid-19,quarntine special quiz online 16.7.2020- 22.7.2020
- Organized: Departmental seminar (BIOVISTA) 25th feb 2021
- Organized: National level seminar (AMBT-2019) – TANSCH Dec,20,21,2019.
- Organized: Departmental tour for final year students UG,PG, Industrial visit + moonar-kerala