

Curriculum Vitae

Dr. HARSHA. H.T.,
Harshalayam
Manarcaud P.O.,
Kottayam, Kerala, India
Phone: +91- 481- 2378115 (Res.)
+91- 9447457217 (Mob.)
E.mail : harshaunni@rediffmail.com



Career Objectives:

To obtain a position in a professional environment, where my education, interdisciplinary skills and multi cultural background can be utilized.

Personal information:

Birth date 15/03/1975
Nationality: Indian
Place of Birth: Manarcadu, India
Marital Status: Married
Address Harshalayam
Manarcaud P.O.,
Kottayam, Kerala, India
Phone: +91- 481- 2378115 (Res.)

Languages:

English, Hindi, Malayalam (Read, write & speak)

Education:

University	Country	Year	Graduation Degree	Class
UGC	India	2019	Post Doctoral	--
MG University	India	2011	Ph.D. in Environmental Science	--
MG University	India	2000	M. Phil. In Environment Management	First class
MG University	India	1998	M. Sc. in Environment Management	First class
MG University	India	1995	B. Sc. in Botany	First class

Awards

- UGC NET (Lectureship) in Environmental Science, 2000.

Research Interests:

- My principal research interest is in the area of Environmental Science with specialization in Health hazards due to microbial contamination.

Research experience:

- 18 years of research experience in the discipline of Environmental Science with specialization in Environmental Microbiology, supported by publication. Qualified UGC Post Doctoral Fellow. Delivered classes and practical training to M. Sc. and M. Phil students of Environmental Science.

Teaching experience

- Working as Guest faculty for M.Sc. and M.Phil students in School of Environmental Sciences M.G University from October 2008 to May 2014 and continued as visiting guest faculty till 13th July 2022 and 14th July 2022 onwards working as Guest/Contract Faculty in Environment Science and Management.

Achievement

Best poster award

- **Harsha, H.T.**, Manoj, P. and Mohamed Hatha, A.A. 2009. Multidrug resistant salmonellae in egg content-An emerging health hazard to unwary consumers. In **21st Kerala Science Congress**, Thiruvananthapuram, Kerala. pp 473-475.

Experiences on Hand:

- Strong practical experience in isolation, characterization and identification of bacteria, Actinomycetes and fungi from water, food and soil.
- Isolation, characterization, identification and maintenance of enteric bacterial pathogens.
- Experience in microbiological (Quality) analysis of water and food.
- Experience in antibiotic resistance studies.
- Skill in water and soil quality analysis.

Books published:

- Prevalence, drug resistance and survival of salmonella in eggs :- by **Harsha Thankappan** and Mohamed Hatha Abdulla , Lap Lambert Academic Publishing, Germany.

Full paper Published/Accepted in National and International Journals/ Seminar Proceedings

- **Harsha H.T**, Reshmi. R, Rinoy Varghese, Divya, Mujeeb Rahiman and A.A. Mohamed Hatha 2012. Prevalence and Multiple Antibiotic Resistance profile of *Salmonella* in the eggs of Poultry, Japanese quail and Duck. **Journal of Microbiology and infectious diseases (Turkey)**.

- T. Suresh, A.A.M. Hatha, **H.T. Harsha**, P. Lakshmanaperumalsamy. 2011. Prevalence and distribution of Salmonella serotypes in marketed broiler chickens and processing environment in Coimbatore City of southern India Food Research International, Food Research International (**Elsevier**). 44 (2011) 823–825.
- Krishna M.P, Rinoy Varghese, Devi K. Balan, **Harsha H.T.** and A.A. Mohamed Hatha. 2011. Multiple Antibiotic Resistance Profile of Soil Bacteria Isolated From Mahatma Gandhi University Campus, Kottayam, Kerala. **Asian journal of Microbiology, Biotechnology and Environmental Sciences**. Accepted
- Indu M.N., A.A. Mohamed Hatha C. Abhirosh, **U. Harsha** and G. Vivekanandan. Antimicrobial activity of some of the south-Indian spices against serotypes of *Escherichia coli*, *Salmonella*, *Listeria monocytogenes* and *Aeromonas hydrophila*. **Brazilian journal of Microbiology** 37: 147-152.
- **Harsha, H.T.**, Resmi R., and Mohamed Hatha, A.A. 2004. Multi drug resistant Salmonella in commercial layer hen eggs and kada (Japanese quail) eggs. Proceedings of 16th Kerala Science Congress, 166-171.
- **Harsha, H.T.**, Manoj, P., and Mohamed Hatha, A.A. 2009. Multidrug resistant salmonellae in egg content-An emerging health hazard to unwary consumers. Proceedings of 21st Kerala Science Congress, pp 473-475.
- Abhirosh Chandran, **H.T. Harsha**, Sherin Varghese, A.P. Thomas, and A.A.M.Hatha, 2006. Distribution of faecal indicator bacteria in Vembanadu lake on both sides of Thannirmukkam barrage at Kumarakom. Proceedings of National Conference on Wetland Biodiversity, P.G. Department of Zoology, St. Aloysius College, Thrissur.
- Mujeeb Rahiman, K.M., **Harsha, H.T.** and A.A.M., 2005. Risk assesment of diarrhegenic serotypes of *Escherichia coli* from Cochin estuary. In Proceedings of Kerala Environment Congress (Babu Ambat, Nampudripad K D, Sabu T, Vinod T R, Renjan M V, Eds) Kochi, 173-178.
- Mohamed Hatha, A.A., Abhirosh Chandran, Mujeeb Rahiman, K.M., **Harsha Unni**, and Shanti T. R., 2004. Diversity, Survival and Risk Assessment of *Escherichia coli* strains from a Tropical Estuary. 4th “International Congress- Environmental Microbiology, Microbiology and Meiobenthology” Isparta, Turkey, September 13- 8- 2004.

Seminar presentations/Abstracts:

- ❖ Rinoy Varghese, Suchithra R, Nishmol S, Devi K Balan **Harsha H.T** and AA Mohamed Hatha. 2011. A Comparative Study on Diversity and Bioprospecting of Actinomycetes from the Shola and Grassland Soils of Tropical Montane Forest, Kerala. **23rd Kerala Science Congress**, CESS, Thiruvananthapuram.
- ❖ Rinoy Varghese, Krishna M.P, Devi K. Balan, **Harsha H.T**, Jyothy S. and A.A. Mohamed Hatha. 2011. Relationship of Metal Tolerance with Multiple Antibiotic Resistance of Heterotrophic Bacteria from the Soils of Mahatma Gandhi University Campus, Kerala. **98th Indian Science Congress**, SRM University Chennai.

- ❖ Krishna M. P., Rinoy Varghese, Devi K. Balan, **Harsha H. T.**, Jyothi S., Maya George and Mohamed Hatha A. A. 2010. Heavy metal tolerance patterns of total heterotrophic bacteria isolated from the soils of Mahatma Gandhi University campus, Kottayam, Kerala. **Lake 2010: Wetlands, Biodiversity and Climate Change.** Indian Institute of Science, Bangaluru.
- ❖ Krishna M.P, Rinoy Varghese, Devi K. Balan, Jyothy S, **Harsh H.T** and A.A. Mohamed Hatha. 2010. Multiple antibiotic resistance patterns of total heterotrophic bacteria isolated from the soils of mahatma gandhi university campus, Kottayam, kerala. First Kerala womens Science Congress, St. Theresa College Ernakulam
- ❖ **Harsha H.T**, Reshmi R Nair, Rinoy Varghese and A.A Mohamed Hatha. 2010. Prevalence of *salmonella* in eggs of poultry, duck and japanese quail and the effect of commonly used spices on the growth of *s. Enteritidis* on each group of egg microcosm. First Kerala womens Science Congress, St. Theresa College Ernakulam.
- ❖ **Harsha. H.T.**, Jincy.P., Abhirosh Chandran and Hatha,A.A.(2005). Cross Contamination of Chicken at Retail Processing Centres with Special Reference to *Escherichia coli* and *Salmonella* in International Seminar on Science and Technology for sustainable development. Aug. 2005, India.
- ❖ Mujeeb Rahiman, K.M., Resmi, R., **Harsha H.T** and Hatha, A.A.M., 2003. Antibiotic resistance *Escherichia coli* serotypes isolated from Cochin estuary In: *National Seminar on Current Environmental Issues- ECOVISION- 2003*, organized by the Bharathiyar University, Coimbatore, Tamil Nadu.
- ❖ **Harsha .H.T**, 2015. Effect of spices extract in controlling the growth of *S. Enteritidis* in hens, duck and Japanese quail eggs. National seminar at St.Stephens college Uzavoor.

Employment History:

- Worked as a water quality analyst (Physico- chemical bacteriological) in Kerala State Pollution Control Board, Kochi for a period of 10 months (March 2001 to January 2002).
- Working as Guest lecturer from October 2008 at School of Environmental Sciences, Mahatma Gandhi University.

Computer Skills:

- Microsoft Word
- Microsoft Excel
- Microsoft Power point

References

1. Dr. A.A. Mohamed Hatha

Professor,
Dept. of Marine Biology, Microbiology & Biochemistry
School of Marine Sciences,
Cochin University of Science and Technology, Cochin 682016, Kerala
Mob: 9446866050
Email: mohamedhatha@gmail.com

2. Dr. A.P. Thomas

Director
ACCESSD,
M.G. University
Priyadarsini Hills P.O., Kottayam 686560
Mob: 9447473830
Email: drapthomas@gmail.com

3. Dr. C.T. Aravindakumar

Pro-Vice-Chancellor
M.G. University
Priyadarsini Hills P.O., Kottayam 686560
Mob: 9447391168
Email: cta@mgu.ac.in

Declaration

I declare that the information and facts stated here in above are true and correct to the best of my knowledge and belief.

Dr. Harsha H.T.

Place : Kottayam

Date: 22.8.2022