

Bio-Data

Dr. Usha Kiran K A
Ph.D Microbiology (Applied Botany)
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Present Address

B-17, CFTRI Qtrs
CSIR-CFTRI,
Mysore – 570020

Career Objective

To work in the institute with a professional work driven environment, where I can utilize and apply my knowledge and skills which would enable me to grow while fulfilling the organizational goals.

Basic Academic Credentials

Degree obtained	University	Subject	class	Year
Ph.D	Mangalore	Microbiology) (Applied Botany)	-	2010
M.Sc.	Mangalore	Microbiology	First Rank-76%	2003
B.Sc.	Mangalore	Chemistry Botany Microbiology	First-class With Distinction- 82%	2001
HDSE	Aptech Computer Education		Distinction-71%	2000
Diploma in Nutrition and Health Education	Karnataka State Open University		Distinction-79%	2006

Other Credentials

- English Senior Typing, Hindi Senior Typing and Kannada Junior Typing.
- Secretary of Microbiology Association, Mangalore University for the year 2002-2003
- Honorary Teaching for Post Graduate Students of Microbiology, Mangalore University Madikeri.
- Project guide for the Dissertation work of Post Graduate Students of Microbiology, Mangalore University Madikeri.
- Basic rock climbing, cave exploration and trekking course held by Keerthi Adventures, Mangalore.
- District level basket ball player at school level.

Seminars and Paper presented

- Poster presentation on “Assessment of Increased Shelf Life in Curd By MMB 12 Culture” organized by ICFOST 2002 held at CSIR-CFTRI, Mysore.
- Poster Presentation on “MMB 12- A Novel Culture for Curd preparation” Organized by ICFOST 2005 held at NIMHANS Convention Centre, Bangalore.
- Poster Presentation on “Antagonistic Efficacy of MMB 12 Isolated from Curd With Relation to Its Enzymatic Activity” Organized by ICFOST 2005 held at NIMHANS Convention Center, Bangalore.
- Poster Presentation on “Fungal Inhibition By Lactic Acid Bacteria MMB 12 – A Candidate for Biocontrol” at National Seminar on Fungal biodiversity, Biotechnology and Bioinformatics and 32 Annual Meeting of Mycological Society of India, organized by Sri Bhagawan Mahaveer Jain college, Bangalore.
- Oral Presentation on “ Physico-Chemical Characters of Lipase from MMB 12 – A Lactic Acid Bacteria” at 3rd National Symposium on Modern biological sciences , organized by Department of Biosciences and research, SNMV Coimbatore.
- Seminar on Enzyme Linked Immunosorbent Assay(ELISA) at P.G. Dept. of Microbiology,Madikeri.
- Seminar on Streptomyces Antibiotics at P.G. Dept. of Microbiology,Madikeri.

Seminars\Symposium\Camps attended

- Attended workshop on Carrier Guidance conducted by P.G.Dept. of Microbiology, Mangalore University, Madikeri. (2002).
- Attended National symposium on Food Biotechnology, ICFOST held at CSIR-CFTRI, Mysore. (2002).
- Attended an International Symposium organized by AstraZeneca held at J.N.Tata Auditorium, Indian Institute of Science, Bangalore. (2004).
- Attended two days Seminar on Recent Trends in Microbiology conducted by P.G.Dept. Of Microbiology, Mangalore University, Madikeri. (2005).
- Attended a one-day Seminar–Bio Spectrum 06 “Into Biotech And Beyond” organized by Post Graduate Department of Microbiology, Mangalore University, Madikeri. (2006).
- Attended National Service Scheme, college level camp for 10 days & two days (1999).

Research Experience

1. A summer vacation-training project on Incidence of Staphylococci in Cheese and Paneer under guidance of Dr.A.M. Natarajan, at K.C. Das Private Ltd. Bangalore.
The Percentage contamination of Cheese and Paneer by Enterotoxigenic Staphylococci was detected in various brands.
2. Training project on Isolation & Identification of Fungus (class Deuteromycetes) at P.G. Dept. of Microbiology, Mangalore University, Madikeri. (2002).
The different samples like soil, decayed fruits were collected and washing of each Samples were serially diluted and grown on different media for fungal growth, the fungus was identified based on identification manuals.
3. A detailed study of Coffee diseases as a part of Vacation training, at Coffee Research Substation, Chettalli.
4. Project Dissertation taken up towards the partial fulfillment of M.Sc. Microbiology under the guidance of Dr.Sushma Appaiah work entitled “Assessment of increased shelf life in curd by MMB 12 culture”.
5. Worked for doctoral degree (Ph.D.) under guidance of Dr.Anu Appaiah, Scientist, CSIR-CFTRI, Mysore, Work entitled “Quality and shelf life improvement of curd”.

Work Experience

- Working as Assistant (G) in CSIR-CFTRI since 07.01.2008.
- Worked as Head-Research & Development, Zeus Biotech LTD., Mysore in 2007.
- Microbiology tutor for B.Sc. Nursing at MET school of nursing, Madikeri in 2006.

Awards/ Prizes/ Scholarship

1. Awarded the 1st Rank for M.Sc. Microbiology, Mangalore University at the 22nd Annual Convocation ceremony by Hon'ble Governor Sri.T.N. Chaturvedi.
2. Recipient of Merit Award –2005, for securing 1st Rank in M.Sc. Microbiology, Mangalore University and honored by Coorg Education Fund, Kodava Samaj Building, Madikeri.
3. Cash prize from SIR DORABJI TATA TRUST, Bombay House, Bombay for the Academic Excellence in M.Sc. and to perceive Doctoral Research Work.
4. Cash prize from KARNATAKA STATE JUDICIAL DEPARTMENT EMPLOYEES ASSOCIATION, Bangalore for securing 1st Rank in M.Sc. Microbiology, Mangalore University.
5. Scholarship from COORG EDUCATION FUND, Madikeri to Perceive Doctoral Research Work.
6. Scholarship from THE COORG FOUNDATION, Pollibetta to Perceive Doctoral Research Work.
7. First prize for topping in Botany, IInd B.sc., FMKMC College, Madikeri.
8. First prize for topping in Microbiology, IIIrd B.sc., FMKMC College, Madikeri.
9. Second prize for topping in Botany , IIIrd B.sc., FMKMC College, Madikeri.

Publications

1. Paper Published - “Fermented Milk Products: An Overview of Processing, Preservation and Shelf Life extension” Published in Indian Food Industry Journal, 2011, ISSN 0972-2610.
2. “ Extension of Shelf Life of Curd- an Indian fermented Milk by using a new isolate *Brevibacillus brevis* strain as a starter culture” in Journal –Innovative Romanian Food Biotechnology. March 2012.

Personal Details

Husbands Name : Dr. Bharath Kariappa
Permanent Address : D/o Sri K C Arasu
Door No. 14/1, Shashi Nilaya
FMKMC College Road
Rifile Range, Near DAR Qtrs
Madikeri-571201
Date of Birth : 09.10.1980
Language Known : English, Hindi, Kannada, Tulu, Coorgi
Marital Status : Married
Nationality : Indian

Declaration

I do hereby declare that the above information is true to the best of my knowledge.

Usha Kiran

Place: Mysore
Date: 27.09.2017