

Name& Educational Qualification		K. Sudha Ph. D	
Designation	Assistant Professor & Head of the Department	Date of Joining	15-12-2010
Seminars, Workshops or Conferences attended			
	Conference (Title & Host)	Date	Venue
National (last two years)	Flavours to Wellness- An approach through spice chemistry	30 th September and 1 st October, 2014.	St. Peter's college, Kolenchery
	Translational Biotechnology for better tomorrow- National Biotechnology Seminar-2014'	3 rd & 4 th September, 2014	St. Peter's college, Kolenchery
	Recent Trends in Astrophysics	13 th & 14 th August, 2014	St. Peter's college, Kolenchery
	UGC Networking Resources Centre Workshop in Biological Sciences	5 th - 31 st May, 2014	Indian Institute of Science, Bangalore
	Colonialism, Resistance & Modernity	26 th & 27 th February, 2014	St. Peter's college, Kolenchery.
	Folk, Classical and contemporary Theatre	24 th -26 th February, 2014	St. Peter's college, Kolenchery.
	Immune Disorders & Recent trends in Diagnostics	10 th & 11 th January, 2014	St. Xavier's College for Women, Aluva
	Orientation course	4 th September, 2013 to 1 st October, 2013	UGC Academic Staff College, University of Madras, Chennai
	Workshop on online tools for academic excellence	5 th & 6 th April, 2013	St. Peter's college, Kolenchery
	Seminar on Colonialism, Resistance & Modernity' - Kerala Historical society & Department of History	26 th February, 2013	St. Peter's College, Kolenchery
	Curriculum Review workshop for Post Graduate courses in Biosciences -Board of Studies Biosciences & School of Biosciences	10 th -12 th April, 2012	MG University Kottayam
	National Seminar on Role and Relevance of Information Literacy in the Globalised Era	8-9 th March, 2012	St. Peter's College Kolenchery
National Seminar on 'Clinical applications of Molecular Biology'	4 th February, 2012	Mar Athanasius College, Kothamangalam	

	‘98 th –Indian Science Congress’ conducted at SRM University, .Indian Science Congress Association & SRM University	3-7 th January 2011	SRM University Chennai
International	International Seminar on Stochastic Modelling and Neural Fuzzy System	7 th January, 2013	St. Peter’s College, Kolenchery
	ICRMM’12- ‘International Conference on Recent trends in Molecular Medicine-12’	25 & 26 th February, 2012	Sree Buddha Engineering College, Alappuzha
	International Seminar on Stochastic Finance, Markov Chains and Fuzzy Medical Diagnosis	10 th February, 2011	St. Peter’s College, Kolenchery

Publications

Journal Articles

	Name of the Journal & Publisher	Volume & Date	Title
National	In proceedings of National Seminar on ‘Molecular Identification and computational biology’	ISBN:978- 81-923985 5- 6 pp 26-29 2013	Corresponding author: <i>Escherichia coli</i> -O157:H7, a New Threat in Food Safety’
International	Journal of Food Protection	Manuscript #: JFP-14-577 2014	Co-author- accepted: Impact of Distillers Grain Solids (DGS) and Seasonality on the Prevalence of <i>Escherichia coli</i> O157 at an Abattoir in the U. S. Upper Midwest
	Food borne Diseases and pathogen Ann Leibert Publications	<i>Food Borne Pathogens and Diseases</i> Vol.10, No.6 2013	‘Co-author: Impact of Feedlot Management Practices on the Prevalence of <i>Escherichia coli</i> O157 in Beef Cattle Raised in Minnesota’

Awards / Recognitions/ Consultancy

Principal Investigator for:

1. major research project: ongoing

Funding agency : KSCSTE

Title: Prevalence and Distribution of Shiga like toxin genes
(*stx* genes) and the clonal relatedness among strains of *E.coli*
isolated from Beef, organic vegetables and other bovine
environments of Kerala, South India

	<p>2. Student project: completed 2014 Funding agency: KSCSTE Title: Distribution and Prevalence of Salmonella in egg shells.</p> <p>3. Student project: completed Funding agency: KSCSTE 2014 Title: Screening and characterization of L-Asparaginase producing bacteria from marine microbial sources</p>
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Paper Presentations

	Title of the paper and details of the Conference	Date	Venue
National (last two years)	<p>Siya Younathan and K. Sudha</p> <p>'Inv A gene specific detection and antibiotic resistance pattern of <i>Salmonella</i> species isolated from shell of eggs of hen and duck'</p> <p>National seminar on 'New vistas in microbiology'</p>	16.10.2014	Mar Athanasius College, Kothamangalam
	<p>Rani John and K. Sudha</p> <p>'Screening and characterization of noval L-Asparaginase producing strain of bacteria from marine fishes'</p> <p>National seminar on 'Translational Biotechnology for better tomorrow'</p>	4.09.2014	St. Peter's College, Kolenchery
	<p>Anawara Madhu & K Sudha</p> <p>'<i>Escherichia coli</i>-O157:H7, a New Threat in Food Safety', National Seminar on 'Molecular Identification and computational biology'</p>	2013	MES College, Marampally, Aluva
	<p>K. Sudha. 'Multiple Displacement Amplification and its Applications in Metagenomic Approaches for Bioprospecting Unculturable Bacteria from Marine Environments ICRMM'12- 'International Conference on Recent trends in Molecular Medicine-12'</p>	26.02. 2012	Sree Buddha Engineering College, Alappuzha
	<p>Shyni B, Vidhuna C.P. and Sudha K.. 'Pros and Cons of Currently</p>	03.02.2012	Mar Athanasius College, Kothamangalam

	Used Nucleic Acid Based Diagnostic Methods in Food Safety' National Seminar on 'Clinical applications of Molecular Biology'		
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