



K.CHITRA DEVI

Asst professor
Department of Microbiology
Shrimati Indira Gandhi College
Trichy-2

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CAREER OBJECTIVE

"I am seeking an opportunity to merge my initiative, enthusiasm with 13+ Years of proficiency to add value, both to the organization and myself. To aim at expanding my horizons and developing skills in the field of "Educational Administration" and to work in a dynamic environment that provides opportunities for my growth."

AREAS OF INTEREST

- Academic Administration
- Staff Development
- Program Evaluation
- Curriculum Design
- Teaching
- Educational Research
- Strategic Planning
- Educational Consulting
- Leadership Development

SKILL SUMMARY

- Communication Communicate Precise Information, Defining, Explaining, Interpreting Ideas, Teaching/Training, Listening, Negotiating, Presenting & effective client management.
- Managerial Analyzing, Assigning, Coordinating, Decision Making, Delegating, Evaluating, Flexibility, Implementing, Inspecting, Instructing, Motivating, Organizing, Problem Solving, Scheduling, Staff Development, Resource Management, Accounting & Finance and Project Control.
- Leadership Ability to learn, Adaptable, Ambition Drive, Assertive, Confident, Attention to detail, Self-Motivated, Tactful, Team Leader, Listening, Reflective, Resourceful and Problem Solving.



SYNOPSIS

- ❖ Having 13+ Years of experience in Educational Lecturing Field and doing Ph.D.,
- ❖ Knowledge in following Equipment's,
 - ✍ Autoclave
 - ✍ BOD Incubator
 - ✍ Shaker Incubator
 - ✍ Hot Air Owen
 - ✍ Colony Counter
 - ✍ UV-Visible Spectrophotometer
 - ✍ ELISA Reader
 - ✍ PCR
 - ✍ Centrifuges & Ultracentrifuges
- ❖ Undergone Industrial Training at SST Coir, Pollachi.
- ❖ Undergone training at Indian Institute of Horticulture, Bangalore
- ❖ Participated Training at Sabc Research Technology, Bangalore
- ❖ Organizing secretary in all committees and extra-curricular activities.
- ❖ Knowledge in new educational trends and also guide the students in a proper way.
- ❖ Vice-President in College Alumnae

EDUCATION CREDENTIAL

DEGREE	INSTITUTION	YEAR	PERCENTAGE
M.Phil [Microbiology]	Bharathidasan University, Trichy	2007	70
M.Sc [Microbiology]	Shrimati Indira Gandhi College, Trichy	2006	75
B.Sc [Microbiology]	Shrimati Indira Gandhi College, Trichy	2004	77
Class XII	Noyes Matric Hr. Sec. School, Madurai	2001	65
Class X	Chidambaram Chettiar Girls Hr. Sec. School, Karaikudi	1999	60

WORK EXPERIENCE

Shrimati Indira Gandhi College, Trichy Designation: Asst. Professor	Jun 2015 to Till Date	
Shrimati Indira Gandhi College, Trichy Designation: Asst. Professor	Jun 2007 to May 2013	

CERTIFICATIONS

COURSE NAME	INSTITUTION	YEAR
PG Diploma [Bioinformatics]	Shrimati Indira Gandhi College, Trichy	2004-2005
Diploma [Medical Lab Technician]	New Delhi Board	2001-2002

TECHNICAL SKILLS

Operating System	: Windows 2000/XP/7/8.1/10
Programming Language	: C,C++, Java
Office Packages	: MS Outlook/2000/9/7/10,MS Office

CORE COMPETENCIES

- Received **“Sathanai Penmani Award”** for creation of educational awareness by Ajanta Fine Arts, Chennai.
- Received **“Young scientist Award”** for VD Good professionals
- Received **“Best Teacher Award”** for INSC (Institute of Scholars, Bengaluru)
- Lifetime member in INSC (Institute of Scholars, Bengaluru)
- Editor in IIP (Interactive International Publisher)
- Professional, growth oriented, easy adaptive and quick learner.
- Talented, independent, responsible, hardworking and efficient in analytical complex solving issues.
- An extrovert with very good blending capabilities.
- An absolute team player with good communication skills.
- Ability to deal with a diverse range of cultures and nationalities internationally.
- Highly competent self-motivated, hardworking with the ability to rapidly learn and apply new skills
- Participated in International NAAC Awareness program conducted by Primax Foundation at Bangalore
- I have done the online course through Udemy in Fundamentals of Advanced Biological Techniques -Part-I
- Completed certificate course for Nano Diploma in Medical Science with a credit score of 7.5 points through edapt learning
- Successfully attended and completed 60 no of Webinar programmes

DIRECT PRESENTATION

Organized By : Primax Foundation, Bangalore in Association with Aarya Business College Singapore
 Presentation Venue : [Singapore](#)
 Title : Green Marketing
 Chapter : Current trends, Challenges and future scope of Green Marketing
 Book : Suraj Punj Journal of Multidisciplinary Research
 Publisher Code : ISSN No : 2394-2886, Impact Factor 6.1, UGC S No: 64786, ISO : 7021-2008

Organized By : Primax foundation, Bangalore in Association with Gulf American University, Dubai
 Presentation venue : [Dubai](#)
 Title : Phytoremediation and Bio-remediation-combined effect on Dairy effluent treatment with Cyanobacteria and Pseudomonas sp
 Journal name : An Annual Interdisciplinary journal of History (UGC Care listed journal)
 Publisher code : ISSN: 0976-075X, Impact factor 5.60 Volume-06 Issue-2 April 2020

PAPER PUBLISHED IN SCIENCE DIRECT:

- Enhancement of pigments production in the green microalgae *Dunaliella salina* (PSBDU05) under optimized culture condition published by [Bioresource Technology Reports](#), March 4, 2021
- In vitro study of antioxidant, antidiabetic and antiurolithiatic activity of synthesized silver nanoparticles using stem bark extracts of *Hybanthus enneaspermus* published by [Biocatalysis and Agricultural Biotechnology](#), November 2021

PATENT PUBLISHED DETAILS:

- Patent published “A Machine learning based approach to plot Graphs based on Statistical Data Analysis of patients Suffering from Cancer due to Smoking, received April 8”.
- Patent filed “Artificial Intelligence based technique to analyze the Antibacterial Properties of Silver Nanoparticles”.
- Patent filed “Machine learning based approach to Analyse the Protein Sequences in the Diabetic Patient and Efficient Segregation of Types of Diabetes”.

FUND RECEIVED

Received student project fund Rs.10,000 for M.Sc.,project from [Tamilnadu state council for Science and Technology](#) during the year 2021 in the Title Potential inhibitor of COVID-19 from spices compounds-Molecular docking study.

Research Initiatives

90 number of projects are guided by me for master degree students

PAPER PUBLISHED	PUBLISHER	YEAR
Optimization of Lipase production using <i>Bacillus subtilis</i> by response surface Methodology	International Journal of Biological, Veterinary, Agricultural & Food Engineering	2012
Biosynthesis of Silver Nano particles from entophytic Bacteria, Antibacterial activity and Molecular characterization of <i>Bacillus subtilis</i>	International Journal of Advanced Research	2015
Isolation, Identification and control of Bacteria and Fungal Micro-organisms from contaminated currency notes	International Journal of Advanced Research	2015
<i>Screening and production of biodegradable plastics from marine Bacillus sps</i>	International Journal of Advanced Research	2015
Studies on Spices Mycobiota and Mycotoxin available in Trichy market.	International Journal of Pharmacy and integrated life sciences	2016
Isolation and molecular characterization of histamine producing bacteria isolated from fish	International Journal of Pharmaceutical research & Bioscience	2016
Effect of clove & cinnamon oil against E.coli isolated from meat	International Journal of Biological Research	2017
Comparative Study of Developed PHB Nanoparticles with <i>Plectranthus amboinicus</i> on cotton Gauze for Biomedical Applications	Journal of Emerging Technologies and Innovative Research	2019

PROJECT SUMMARY

Title Objective	M.Phil PROJECT	M.Sc PROJECT
	Dissertation	Dissertation
	This project deals with Degradation of Glyphosate and Oxadiargyl using <i>Pseudomonas aeruginosa</i> isolate from rice field soil	This project deals with influence on the enzymatic action of physical and chemical testing of Chrome tanned Leather.

SEMINAR PARTICIPATED

TITLE	LOCATION	YEAR
☞ Production and applications of microbial products in diverse sectors (PAMPDS-2016) characterization of <i>Bacillus subtilis</i>	Selvamm Arts And Science College, Namakkal	2016
☞ Clinical Research organized by the Department of Bio-chemistry	Shrimati Indira Gandhi College, Trichy	2016

WORKSHOP/ TRAINING

AREA	INSTITUTION	YEAR
✪ Naturopathy and diet management and mobile relation rings in cancer	Shrimati Indira Gandhi College, Trichy	2016
✪ Staffwelfare programme on General Health Awareness	Shrimati Indira Gandhi College, Trichy	2016
✪ Analysis of pollutants in aquatic environment (Water-16)	Thanthai Hans Rover College, Perambalur	2016
✪ Recent trends In Spirulina & Cultivation Methods	Selvamm Arts And Science College, Namakkal	2016
✪ Recycling of campus waste through eco-friendly vermicomposting	Jayendra Matriculation School, Trichy	2015
✪ All society periodicals package (IEEE demo)	Shrimati Indira Gandhi College, Trichy	2015
✪ Effect of Physiotherapy in pain relief Management	Shrimati Indira Gandhi College, Trichy	2015
✪ Evaluation of bone density and Hemoglobin level	Shrimati Indira Gandhi College, Trichy	2015
✪ Current trends in Biology	Government Arts & Science College, Mannargudi	2015

- Participated National workshop on Molecular methods in Taxonomy to Biotechnology of Actinobacteria and cyanobacteria, Bharathidasan University, Trichy, 2021
- Paper presented One day National Seminar on "Communicable Diseases and Environmental Determinants in Health", Srimad Andavan arts and science College, Trichy, 2022

PERSONAL DETAILS

Name	K. Chitra Devi	Languages	Tamil, English
Father's Name	K. Kalangiyam	Date of Birth	19-04-1982
Sex	Female	Marital Status	Married
Nationality	Indian	Passport No	R9941473
Age	36	Native Place	Trichy

DECLARATION

Resume of K. Chitra Devi

I here by declare that the above information given by me is true to the best of my knowledge.

Place: Trichy

Date: 01/01/2022

Yours Sincerely,

(K. Chitra devi)

