RESUME

Suganya Kothandaraman
Teaching Fellow,
Department of Applied Science &Technology
A.C.Tech.,Anna University
Chennai-600025

OBJECTIVE:

To dedicate and enhance my area of knowledge in training and contribute myself for the growth of the concern with all my acquaintance.

EDUCATIONAL QUALIFICATIONS:

EXAM PASSED	NAME OF THE INSTITUTION	NATURE OF THE INSTITUTION	YEAR OF PASSING	% OF MARKS
M.E ENVIRONMENTAL ENGG	Alagappa Chettiar College Of Engineering And Technology. Karaikudi.	Anna University	2006	**85** **class-II Rank**
B.Tech CHEMICAL ENGG.	Thirumalai Engineering College. Kancheepuram.	Madras University	2004	**84.25** **class-I Rank**
HSC	Vitva Ratna Villa Girl's Higher Secondary School. Ranipet	State Board	2000	**86.4**
SSLC	Vitva Ratna Villa Girl's Higher Secondary School. Ranipet.	State Board	1998	**87.6**

FIELDS OF INTEREST:

Air Pollution Control
Chemical Reaction Engineering

ELECTIVES:

Petroleum Technology
Modern Separation Techniques
Environmental Engineering
Fertilizer Technology

OTHER ACADEMIC DETAILS:

Training Profile:

Concern Thirumalai Chemicals Limited, Ranipet.
Title **"Manufacture Of Pthaliic Anhydride and Maleic Anhydride"**
Duration 20.05.2002 – 01.06.2002

Project Profile:

Mini project:

Concern Thirumalai Engineering College.
Title **"Extraction Of Pectin From Papaya".**
Period 7th Semester (October 2003)

Main project:

Concern Asian Paints India Ltd, Cuddalore.
Title **"Pilot Plant Trials on Diffused Aeration System for Effluent Treatment"**
Duration 24.11.2003-31.11.2003
***Description*:**

This project is a trial on the Diffused Aeration System (DAS) over the existing Surface Aeration (SAS). DAS aims in reducing the excess power consumption that prevails in SAS.DAS results in only 50% of the power that is consumed in SAS. Further more the treatment efficiency of the DAS system is high in contrast with SAS.The experiment has been carried out in pilot scale.

P.G Project:
Concern Alagappa Chettiar College of Engineering and Technology
Title Tea Waste as Natural Adsorbent for Heavy Metals Removal from Polluted water
Description:

In this study removal of lead, chromium, cadmium has been investigated by using tea waste as natural adsorbent .The research is a bench scale experimental type analyses that has been performed by using different amount of adsorbent in different concentration

TECHNICAL EXPERTISE:

Computer Languages	:	C, FORTRAN, C++, dBase.
Operating System	:	Windows 7, XP,Vista,MS DOS.
Hardware	:	PC,Mac,HP Servers
Mechanical Software	:	Auto CAD 2000.
Software Packages	:	Microsoft Office,Adobe Suite

OTHER ACADEMIC RELATED ACTIVITIES:

- Visited Thirumalai Chemicals Ltd, Ranipet.
- Visited Chennai Petroleum Corporation Ltd, Chennai.
- Visited Addison Paints Ltd, Chennai.
- Visited Bharat Heavy Electricals Limited. Ranipet.
- Visited Asian Paints Ltd., Cuddalore.
- Visited Dharani Sugars Tirunelveli.

EXPERIENCE: Four years of teaching experience at Anjalai Ammal -Mahalingam Engineering College, Thiruvarur District from 24//5/06 to 30/04/10.
Relocated to United States (Nov 2010-Dec 2013)

SUBJECTS HANDLED: Mechanical Operations, Mass Transfer, Chemical Reaction Engg, Advances in Pollution Control, Fluid Mechanics, Environmental Engineering, Basic Civil and Mechanical Engg, Instrumental Methods of Analysis, Environmental Science &Engg, Process Control & Simulation Lab, Chemical Reaction Engg Lab, Mechanical Operations Lab, Physical Chemistry Lab, Technical Analysis laboratory etc…

OTHERS:

Attended QIP Program on 'Hazardous Waste Management' at IIsc Bangalore from 25 th to 29 th Jan 2010 (sponsored by AICTE New Delhi)

Attended four days training program on Teaching Methodology conducted by Tamilnadu Teachers Training Institute, Chennai

Participated in soft skill training program conducted by TUV Rheiland

Underwent Transactional Analyst training program conducted by International Transactional Analysis association

Guided more than five papers that were presented in Chemcon 07, 08 and 09 held at Gujarat, Punjab and Andhra Pradesh respectively.

Produced cen percent result in various subjects of Chemical Engineering for more than Six times.

PERSONAL DETAILS:

Name	:	K. SUGANYA
Age	:	30 Years
Professional Qualification		M.E (Environmental Engineering)
Linguistic Proficiency	:	English, Tamil
Sex	:	Female.
Marital Status	:	Married
Nationality	:	Indian
Religion	:	Hindu.
Community	:	Backward Caste.
Indulgences	:	Visiting Temples, Playing with kids.
Major Strength	:	Willing to learn more
Weakness	:	Fragile
Husband's Name	:	Gnanaprakasam Venkatesan
Husband's Occupation	:	Software Engineer (CTS)
Mailing Address	:	Plot No 10, 2 nd floor, S3 B block, Ananda Nagar, Mugalivakkam, Chennai-600125 Tamilnadu-India

REFERENCES:

Mr. P.Venkata Narasimhan,
HOD, Chemical Engineering
Anjalai Ammal-Mahalingam Engineering College,
Kovilvenni-614 403
9994043100(M)

Mr.R.Venkataramanan,
Quality Assurance Executive,
Asian Paints India Ltd,
Cuddalore-607005
0414-2239247

(K.Suganya)