**Curriculum Vitae of Dr.THOMAS**

**THOMAS.295289@2freemail.com**

CAREER OBJECTIVE :

Ambitious, organized professional with 15 plus years of experience in academic administration and research with adaptability, dependability and strong motivation for service and achievement**.**

SUMMARY:

* Over 10 plus years of experience in Teaching in India & UAE
* Over 5 plus years of work experience in Industry in India

EDUCATIONAL QUALIFICATION:

**Doctor of Philosophy Ph.D.** in Chemistry.

Thesis Title: **SYNTHESIS OF NEW ANTIMICROBIAL ACTIVE TRANSITION METAL COMPLEXES AND THEIR ELECTROCHEMICAL BEHAVIOUR**

Kalasalingam University, Krishnan Koil, Tamilnadu,India.

**Master of PhilosophyM.Phil.** in Chemistry

Alagappa University, Karaikudi,Tamilnadu, India.

**Master of ScienceM.Sc.** in Chemistry

Alagappa University, Karaikudi

**Bachelor ofScienceB.Sc.** in Chemistry

Manonmanium Sundaranar University, Tirunelveli

CAREER HIGHLIGHT:

INSTITUTION # 1: **G**RAMMAR SCHOOL **DUBAI, UAE**

DESIGNATION : Chemistry **Teacher (Secondary)**

DURATION : March 2015 - September 2016

CURRICULUM : IGCSE

INSTITUTION # 2:**F**RANCIS XAVIER ENGINEERING COLLEGE **TAMILNADU |INDIA**

DESIGNATION : **Associate Professor& HOD**

DURATION : June 2007 – Aug 2014

CURRICULUM : University level / Accredited by AICTE / NBA

INSTITUTION # 3: **PSN** COLLEGE OFENGINEERING **TAMILNADU | INDIA**

DESIGNATION : **Assistant Professor**

DURATION : Sept. 2005– June2007

CURRICULUM : University level / Accredited by AICTE

INSTITUTION # 4: **St.**JOHNS COLLEGE**TAMILNADU | INDIA**

DESIGNATION : **Lecturer.**

DURATION : Sept. 2004 – Aug 2005

CURRICULUM : University level / Accredited by UGC

OVERALLSUBJECTS HANDLED:

* Organic Chemistry
* Inorganic Chemistry
* Physical Chemistry
* Engineering Chemistry
* Environmental Science & Engineering.
* Chemistry Laboratory (Physical, Inorganic & Organic labs)

OVERALL RESPONSIBILITIES IN TEACHING:

* Plans and prepares for classroom instruction
* Encourages the productive citizenship and respectful conduct of students
* Identifies needed resources and materials for classroom instruction
* Identifies resources to meet the needs of individual students
* Uses a variety of instructional strategies to meet varied student needs
* Provides a positive classroom environment that promotes student learning
* Establishes and maintains standards of student behavior needed for an orderly, productive classroom and college.
* Identifies students who need support and extra help, works with them according to individual needs and regularly reports to coordinator about their progress.
* Designs ways to keep a class of multiple-intelligence actively involved at different levels
* Motivates, encourages, and finds interesting ways to keep the learning spirit high throughout the year.
* Builds team spirit in students of his/her house group where he/she belongs.

INDUSTRY EXPERIENCE:

COMPANY #1:**ARTEK SURFIN CHEMICALS LIMITED MUMBAI |INDIA**

A leading company involved research &development in General Metal Finishing /Electro-colouring / Precious Plating and Multi-Layer PCB plating

DESIGNATION : **Research & Development Chemist.**

DURATION : From May 1997 to September2002

* Perform chemical process on hardware (anodizing/ plating)
* Perform chemical analysis  of various plating  solutions
* Handling of all chemicals process such as Zinc, Copper, Gold, Silver, Electro less Nickel, Electro less Copper, Tin and Hard Chrome etc.
* Perform Chrome, Nickel, Cadmium plating or shot-peening.
* Maintenance of processing equipment’s, mechanical testing and waste water testing.
* Co-ordinating with other departments for business growth, technological up gradation, Qualitycontrol, production and continuous improvement and new developments of plating process.

PROFESSIONAL ACHIEVEMENTS &SKILLS:

* Being Head of the Department of Chemistry produced 95 % results consistently in the Anna University Examinations.
* Conducted an AICTE – ISTE sponsored International seminar on *“Recent Trends inEnvironmental Science and Green Chemistry”* in the month of 22ndFeb, 2009 for the first time in FXEC
* As ISO – 9001 Co-ordinator designed the guidelines for the creation and maintenance of files.
* Actively participated and contributed to the NBA accreditation of FXEC.
* **Optimistic role model for the students and colleagues.**
* **Counselling & motivating the students community.**
* **Designing innovative instructional materials.**
* **Passion towards developing clinical skills.**
* **Maintaining good rapport with colleagues and higher officials.**
* **Considering parent as one of the stake holders and maintaining cordial relationship to make them to participate in the education system for the development of the Institution.**
* **Paying individual attention to the slow learners and motivating toppers to achieve the highest.**
* **Integrating new knowledge and skills to transition time and focusing effort on application.**
* **Developing Leadership Qualities of the students.**
* **Ability to operate or work on new instructional tools such as smart board, with appropriate pace.**
* **IT Skills – Excellent knowledge in MS Word, MS Access, MS PowerPoint, & MS Excel**

CONFERENCE/WORKSHOP PARTICIPATED

* Participated in AICTE sponsored **National Seminar on Advancements in Corrosion Control** on July 30 & 31, 2009 organized by Department of Chemistry, MEPCO SCHLENK Engineering College, Sivakasi, Tamilnadu .
* Attended “**The Activity Learning Methodology Content Enrichment Training”** as a Resource Person on 19th January 2009 at Block Resource Centre, Sankarankovil .
* Short Term Training Programme on **“RECENT TRENDS IN ATMOSPHERIC SCIENCES**” from 16th to 22nd August 2008 at INDIAN INSTITUTE OF TECHNOLOGY, Chennai.
* Participated in National **Level Workshop on “TECHNOLOGY OPTIONS FOR A GREENER ENVIRONMENT”** on 8th and 9th March 2005 at MOUNT ZION College of Engineering & Technology, Pudukkottai.

CONTRIBUTED RESEARCH PUBLICATIONS :

* Synthesis, Spectral, Redox and Biological Screening studies of Schiff base Copper(II), Nickel(II), Cobalt(II), Oxovanadium and Zinc(II) Complexes derived from Curcumine and 4-Aminoantipyrine, *Polish Journal of Chemistry*, 82, (2008) 469-480.
* Synthesis, spectral characterization, redox and biological screening studies of Schiff base transition metal complexes, *Journal of Pharmacy Research 5(12) (2012) 86-90.*
* “Synthesis, structural investigation, electrochemical and antimicrobial studies of some transition metal complexes”. International Journal of Chem-Tech Research Vol.4, No.1, (2012) 247-257.
* Synthesis, Spectral Characterisation, Redox and Biological Screening Studies of Schiff Base Transition Metal Complexes Derived from Curcumin and 4-Aminoantipyrine, Presented in Seminar on Theoretical and Chemical Sciences at Annamalai University, Chidambaram, 22 and 23 – Feb.-2008. Ab. No. P-12, P. No. 18.
* Synthesis, Characterisation, Redox and antimicrobial Studies of Schiff Base Copper(II), Nickel(II), Cobalt(II), Oxovanadium(II) and Zinc(II) Complexes Derived from Curcumino - 4-Aminoantipyrine and 2- aminophenol, Presented in UGC sponsored National Level Conference on Recent Advances in the study of Transition metal Complexes at VHNSN College Virudhunagar – 626 001 Aug – 13 and 14-2008. Ab. No. 06, P.No.37.
* Synthesis, Spectral, redox and antimicrobial studies of Schiff Base Transition metal Complexes Derived from Curcumino-4-Aminoantipyrine and 2- aminothiophenol, Presented in Seminar on Theoretical and Chemical Sciences at Annamalai University, Chidambaram, 17 and 18 Oct – 2008. Ab. No. P-29, P. No. 17.
* Synthesis, Spectral, Redox and biological investigation of Schiff base Transition metal complexes, Presented in DST sponsored National Level Conference on Recent Trends in Bioinorganic chemistry at VHNSN College Virudhunagar – 626 001 Feb. – 17 and 18-2011. Ab. No. PP-19, P.No.65.
* Spectroscopic, Electrochemical and Biological Investigation of some Transition Metal Complexes, in CSIR, DST & TNSCST sponsored National Conference on Advanced Functional Materials and Applications at Department of Chemistry, Kalasalingam University, Krishnan Koil – 626190 Dec. – 16 and 17- 2011. Ab. No. PP-22, P.No.56.

MEMBERSHIP OF PROFESSIONAL BODIES:

* Society for Advancement of Electrochemical Science andTechnology, Karaikudi
* The Royal Society of Chemistry

PERSONAL INFORMATION:

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| Date of Birth | : | 09-02-1973 |
| Sex | : | Male |
| Marital Status | : | Married |
| Nationality | : | Indian |
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I hereby solemnly pledge that the above information furnished by me is true to the best of my knowledge.