

## CURRICULAM VITAE

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### Career Objective

To obtain a challenging career, that provides an opportunity for innovative ideas and to learn new thought provoking skills.

### Academic Qualification

Course	Name of Institution	Board of University	Year of Passing	Percentage of Marks
Ph.D Chemistry	<b>Oxidation Kinetics</b>			
M.Phil Chemistry	St. Joseph's College, Trichy	Bharathidasan University	2009	78.00
B.Ed	K.Najappan Gounder college of Education	Madurai kamaraj university	2008	70.00
M.Sc. Chemistry	St. Joseph's College, Trichy	Bharathidasan University	2006	65.93
B.Sc. Chemistry	St. Joseph's College, Trichy	Bharathidasan University	2004	70.10
HSC	M.S.P.Solai Nadar Memorial Higher Secondary School, Dindigul	State Board	2001	67.25
SSLC	M.S.P.Solai Nadar Memorial Higher Secondary School, Dindigul	State Board	1999	90.60

## **Teaching Experience**

Works as Assistant Professor at **St. Joseph's College, Trichy** for a period of 19<sup>th</sup> June, 2015 to till dated.

## **Ph.D Details**

Title of the Thesis : Oxidation Kinetics of some **Carbohydrates, Amino Acids** and **Vitamins** by amine  $\mu$ -peroxo complex.

Place : St. Joseph's College, Bharathidasan University, Trichy.

## **Project Details**

### **M.Phil. Project**

Title : Synthesis and Characterisation of **LaNiO<sub>3</sub>** and its substituted compounds by Molten Salt technique

Place : Central Electro Chemical Research Institute (**CECERI**), Karaikudi

### **M.Sc., Project**

Title : Electro Chemical Oxidation of **P-Chloro phenol** on Glassy carbon Electrode

Place : Central Electro Chemical Research Institute (**CECERI**), Karaikudi

## **List of Conferences, Workshops Attended & Paper Presented**

### **International Conference:**

- Presented a Paper entitled "**Low Temperature Synthesis of Gd<sub>2</sub>Ti<sub>2</sub>O<sub>7</sub> using Molten Salt Route**" in International Conference 4<sup>th</sup> Bangalore Nano -2011, Organized by IISC - Indian Institute of Science Bangalore, Karnataka.
- Presented a Paper entitled "**Low Temperature Synthesis of CeNiO<sub>3</sub> by Molten Salt Technique**" in International Conference "ICFMS 2012" Organized by Loyola Institute of Frontier Energy (LIFE), Loyola College, Chennai.
- A Workshop on "**Electro Analytical Methods in Practical Chemistry and Industrial Applications of Electrochemistry**" organized by NIT, Trichy, March-2014.
- A Workshop on "**Recent trends in Chemistry**" organized by AVVM Sri Pushpam College, Poondi, Tanjore, September 2014.

## National Conference:

- Presented a Paper entitled “**Low temperature synthesis of LanthanumNickelate - LaNiO<sub>3</sub> by Molten Salt Technique**” in National Conference “NCE-16-2011” Organized by Society of Advancement of Electrochemical Science and Technology (SAEST), CSIR - CECRI, Karaikudi, Tamilnadu.
- Presented a Paper entitled “**Low temperature synthesis of Neodymium Nickelate NdNiO<sub>3</sub> by Molten Salt Technique**” in National Seminar on Advanced Materials: Processing and Applications (NSAMPA-2012) Organized by Department of Physics, School of Physical Sciences Bharathiyar University, Coimbatore, Tamilnadu.
- Attended a Conference on “**Advances in Applied Chemical Science and Materials Technology( ACSMT2014)**” at Bharatidasan Institute of Technology, Anna University, Trichy, October 2014.
- Attended a State level Workshop on “**Green Experimental Techniques in Chemistry**” at St.Joseph’s college, Trichy, December 2014.

## Papers published in international Journals

- Synthesis of Lanthanum Nickelate and substituted compounds by molten salt technique  
**S.Ignatius Arockiam**, L. John Berchmans, S.Angappan, A. Visuvasam,V. Mani  
*Materials Science Forum* 2012, 699, 67-78
- Synthesis and Characterisation of Nano crystalline Cerium Nickelate(CeNiO<sub>3</sub>) Powders using Low Temperature Molten Salt Technique,  
**S. Ignatius Arockiam**, A.Peter Pascal Regis, L. John Berchmans  
*Internaional Journal of Chemtech research* 2012,4(2), 798-804
- Synthesis and Characterisation of Nano crystalline Neodymium Nickelate(NdNiO<sub>3</sub>) Powders using Low Temperature Molten Salt Technique  
**S.Ignatius Arockiam S.**, A.Peter Pascal Regis and L.John Berchmans  
*Research Journal of Chemical Sciences* 2012, 2(8), 37-42.
- Oxidation kinetics of L-glutamine by  $\mu$ -peroxo complex in aqueous medium  
**S. Ignatius Arockiam** and A. Peter Pascal Regis  
*Journal of Chemical and Pharmaceutical Research*, 2014, 6(9), 146-149

➤ Oxidation Kinetics of D-Ribose by  $\mu$ - Peroxo Complex in Aqueous Medium

**S. Ignatius Arockiam** and A. Peter Pascal Regis

*International Journal of Innovative Research in Science, Engineering and Technology,*

2014, 3(9), 15931-15935

## **Technical Qualification**

Hands on training

➤ FT-IR Spectrometer, UV -Visible Spectrometer and Cyclic Voltammetry.

Basis of Computer

➤ MS-Office, MS-Windows.

## **Personal Details**

Name : S.Ignatius Arockiam  
Father's Name : I.Stephen Antony Dhana Raj  
Gender : Male  
Date of Birth : 18<sup>th</sup> June 1984  
Marital Status : Married  
Religion : Christian  
Nationality : Indian  
Languages Known : Tamil & English

## **Declaration**

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

Place : Trichy

Yours Sincerely,

Date :