

## CURRICULAM VITAE

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Ignatius Villa,  
26,Joseph colony.  
Y.M.R Patty,  
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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	Oxidation Kinetics of some <b>Carbohydrates, Amino Acids</b> and <b>Vitamins</b> by amine $\mu$ -peroxo complex.  (Bharathidasan University-2016)			
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**

Worked as Assistant Professor at **St. Joseph's College, Trichy** for a period of 19<sup>th</sup> June, 2015 to June 2019 (**Four years**)

Works as Assistant Professor at **G.T.N Arts college**, Dindigul from 1<sup>st</sup> December 2019 to till date .

## **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 Lanthanum Nickelate - 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 Bharathidasan 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  
*International 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

- Biomimic Oxidation Kinetics of Folic Acid by Amine  $\mu$ -peroxo Complex in Aqueous medium  
**S. Ignatius Arockiam**  
*Journal of Chemistry and Chemical Sciences, Vol.7(12), 1196-1201, December 2017*
- Oxidation kinetics of thiamine by  $\mu$ - peroxo complex in aqueous medium  
**S. Ignatius Arockiam** and A. Peter Pascal Regis  
*International Journal of Applied Research 2017; 3(11): 434-436*
- Corrosion Inhibition by usage of Iso Leucine as Inhibitor on Mild Steel,Analysed by Experimental and Theoretical Methods  
**S.Ignatius Arockiam**,S.Sulochana , P.Angel , S.K.Selvaraj and A.John Amalraj  
*Indian Journal of Natural Sciences, Vol.12, Issue 66, June 2021*

## Webinars and FDP

- Participated in “International Webinar on Chemistry” organized by the Department of Chemistry,The American College, Madurai on 29th May, 2020.
- Participated in the “International webinar on quality on young minds” G. T. N. Arts college(Autonomous), Dindigul on 26<sup>th</sup> June 2020.
- Participated in the Webinar on spectroscopic techniques-I organized by American college central instrumentation centre, American college, Madurai on 7<sup>th</sup> July 2020.
- participation in the International Webinar Series on “Recent Trends in Life Sciences” organised by the Department of Zoology, G. T. N. Arts college(Autonomous), Dindigul on 04<sup>th</sup> July 2020.
- Participated in five days “International online Faculty Development Programme on "Recent Advanced Research in Chemistry"Organized by Department of Science and Humanities” from 15th to 19th July 2020
- Participated in the webinar titled on “ current and future research trends in digital forensics organized By Government institute of forensic science on 9<sup>th</sup> July 2020
- participation in the “International Webinar Series organized by the Department of Forensic Science, G .T. N. Arts College (Autonomous), Dindigul on 30th May 2020.
- Participated in the “Five day international online Faculty development programme on soft skills for capacity building” organized by Joseph’s academy of soft skills St.joseph’s college(Autonomous), Trichy from 22-26 February2021.
- Participated in International Virtual Seminar on Advances in Chemical Sciences, ACS-21 organized by PG & Research Department of Chemistry, Vivekanandha College of Arts and Sciences for Women (Autonomous), Elayampalayam, Tiruchengode on 08<sup>th</sup> march 2021.
- Participated in the National level one week “Faculty Development Programme on research methodology”, from 26<sup>th</sup> April to 1<sup>st</sup> May 2021 organized by Amar sewa Mandal’s Kamla Nehru Mahavidyalaya, Nagpur.

- Participated in the National webinar on “Role of reagents in Organic Synthesis and role of Chemists during Pandemic Period” organized by the department of chemistry, Sakthi College of arts and Science, Oddanchatram on 21th may 2021.
- Participated in the National webinar on “Climate smart Benefits of Bamboo to protect the Environment” organized by the Guru nanak college from 05<sup>th</sup> June2021.
- Participated in the National level Oneday webinar on “Hybird 2D Metal- Halide Perovskite for Optoelectronic Applications” organized by Department of Physics, AMET, Deemed to be University, Chennai. on 7<sup>th</sup> June 2021

## 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  
Date :

Yours Sincerely,