

## CURRICULUM VITAE



**Dr.A.Suman, M,Sc.,Ph.D.**  
Assistant Professor  
Department of Chemistry  
Manonmaniam Sundaranar University  
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### EDUCATIONAL BACKGROUND

Degree	Branch	% of Marks/ Grade	Institution /University	Year
Ph.D	Chemistry	Highly Commanded	Noorul Islam University Kumaracoil	2016
M.Sc	Chemistry	72% First Class	Manonmaniam SundaranarUniversity, Tirunelveli	2009
B.Sc	Chemistry	60% First Class	P.M.T.College Melanelithanallur, Tirunelveli	2007

### EXPERIENCEDETAILS– 3 years Academic Experience

Designation	Institution/Organization	Duration
Assistant Professor	Noorul Islam Centre For Higher Education, Kumaracoil	June 2015 to May 2016
Assistant Professor	P.S.R.Engineering College, Sivakasi	June 2016 to 2018
Assistant Professor	Manonmaniam Sundaranar University	June 2018 to Till Date

## Ph.D Guide Recognition

**University** : Anna University

**Subject** : Chemistry

**Recognition No** : 3070046

## INDUSTRY EXPERIENCE

**Company:** Syngene International Ltd., Biocon Park, Bangalore-560 099

**Periods:** Five months (December'2010-April'2011)

**Title:** Synthesis and characterization of Novel Imidazole [1,2a] Pyridine Derivatives

## **Research Experience**

1. Working as **Research Assistant** in the Department of Chemistry, Noorul Islam Centre for Higher Education, and Kumaracoil from 02/09/2011 to 01/07/2012.
2. Working as **Project Assistant** in DST Funded project entitled "Design and development of therapeutic substitute for existing anti tuberculosis agents derived from copper complexes".
3. Working as **Senior Research Fellow** in DST Funded project entitled "Design and development of therapeutic substitute for existing anti tubercular agents derived from copper complexes" from 22/07/2014 to till 31/08/2015.

## **Ph.D.,**

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**Title** : Synthesis, Characterization and Pharmacological studies of Copper complexes  
Derived from with 2-aminobenzimidazole derivatives.

**Research Guide** : Dr. J. Joseph,  
Associate Professor,  
Department of Chemistry,  
Noorul Islam Centre for Higher Education, Kumaracoil.

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## PUBLICATIONS

1.J. Joseph , **A. Suman**, Nisha Balakrishnan, Design, synthesis, characterization and biological studies of copper (II) complexes with 2-amino benzimidazole derivatives as biomimetic agents, **Applied Organometallic Chemistry. 31, 2017.**

2. J. Joseph, A. Suman, K. Nagashri, R. Selwin Joseyphus, Nisha Balakrishnan, Synthesis, Characterization and biological studies of copper(II) complexes with 2-amino benzimidazole derivatives., **Journal of Molecular Structure**, **1137**, 17-26, 2017.

3. J. Joseph, K. Nagashri and A. Suman, Synthesis, characterization and pharmacological studies of copper complexes of flavone derivatives as potential anti-tuberculosis agents, **Journal of Photochemistry and Photobiology "B"**, **162**, 125-145., 2016.

4. **J. Joseph and A. Suman**, Design, synthesis, spectral elucidation and DNA binding studies of copper (II) Complexes with 2-benzimidazole derivatives, **Journal of Chemical and Pharmaceutical Research**, **8(1S)**, 95-100, 2016

5. **J. Joseph and A. Suman**, Molecular design, synthesis, spectral characterization and biological studies of copper complexes derived from Knoevenagel condensates, **Der Pharma Chemica.**, **7(7)**, 289- 302, 2015.

6. **J. Joseph and A. Suman**, Synthesis, structural elucidation and pharmacological studies of copper complexes of Quinoline derivatives, **Journal Molecular Structure**, Submitted, 2023.

#### **RESEARCH INTEREST:**

Designing and developing of new chemical entity in Bio-inorganic Chemistry and Organic Chemistry

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#### **TECHNICAL EXPERTISE**

Expertise in handling following instruments,

- 1, UV- Vis Spectrophotometer,
  - 2, Cyclic Voltogram,
  - 3, FT-IR Spectrophotometer,
  - 4, Gel electrophoresis.
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#### **SEMINAR PARTICIPATION AND PRESENTATION**

1. Participated in the "Two day Workshop on Gateway to Research" organized by the ISTE Chapter NICHE, held at the Noorul Islam University, Kumaracoil on 23<sup>rd</sup> and 24<sup>th</sup> September 2011.
2. Participated and presented the paper in the "International Conference for Vistas in Chemistry" (ICVC-2011) held at Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam, from 11<sup>th</sup> to 13<sup>th</sup> October 2011.

3. Participated and presented the paper in the “3<sup>rd</sup> Asian Conference on Coordination Chemistry”, held at New Delhi, India from 17 to 13<sup>th</sup> October 2011.
4. Participated and presented the paper in the International Conference on “New Horizons in Biotechnology jointly organized by The Biotech Research Society”, India (BSRI) and National Institute for Interdisciplinary Science and Technology, CSIR Trivandrum from 21<sup>st</sup> to 24<sup>th</sup> November 2011.
5. Participated in “UGC Sponsored National Workshop on “Chemistry- Our Environment, Our Life and Our Future” organized by the Department of Industrial Chemistry, School of Chemical Science, Alagappa University, Karaikudi during 22<sup>nd</sup> and 23<sup>rd</sup> December, 2011.
6. Participated and presented the paper in the “International Science Symposium on HIV & Infectious Diseases” organized by YRG CARE and co supported by NIH/ Office of AIDS Research, DBT, ICMR & csir, held at Vigyan Auditorium, CSIR campus, Chennai, from 20<sup>th</sup> to 22<sup>nd</sup> January 2012.
7. Served as the member of the organizing committee of the DST sponsored INSPIRE Internship Science Camp organized by Noorul Islam University, Kumaracoil during 2<sup>nd</sup> to 6<sup>th</sup> February 2012.
8. Participated and presented the paper in the International Conference on “Recent Advances in pharmaceutical Sciences” organized by Rayat Institute of Pharmacy, Punjab, from 21<sup>st</sup> to 23<sup>rd</sup> March 2012.
9. Attended Two week “ISTE Workshop on Introduction to Research Methodologies” conducted by Indian Institute of Technology Bombay from 25<sup>th</sup> June to 4<sup>th</sup> July 2012.
10. Participated and presented the paper in the “International Conference on Emerging Trends in Science, Engineering, Business and Disaster Management”, from 28<sup>th</sup> February 2014.

## REFERNCE

<b>1. Name</b>	<b>Dr. J. Joseph</b>
<b>Telephone</b>	09489486295
<b>Email</b>	<i>josephniche@gmail.com</i>
<b>Address</b>	Professor, Dept.ofChemistry, Noorul Islam University
<b>2.Name</b>	<b>Dr.K.K.Bhasian</b>
<b>Telephone</b>	09779924966
<b>Email</b>	<i>kbbhasin@pu.ac.in</i>
<b>Address</b>	Professor, Dept.of Chemistry, Punjab University,Chandigarah
<b>3.Name</b>	<b>Dr. C. Kannan</b>
<b>Telephone</b>	9443507036
<b>Address</b>	Professor, Dept of Chemistry, Manonmaniam sundaranar University, Tirunelveli.

## PERSONAL PROFILE

Name : A. Suman  
Father's Name : K. Ayyadurai  
Date of Birth : 17.10.1985  
Nationality : India  
Contact number : 8940462718,8825569087

## DECLARATION

I hereby declare that the statements made in this application are true and complete to the best of my knowledge.

Place: Tirunelveli

(A.Suman)