

## Faculty Profile



Name : **Dr.R.RAMASUBRAMANIAN**  
Designation : Assistant Professor & HOD<sub>i/c</sub>  
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### Education

**Ph.D. (Chemistry)** : Manonmaniam Sundaranar University, Tirunelveli. [August 2009]

**M.Phil. (Chemistry)**: Ayya Nadar Janaki Ammal College, Sivakasi. [2002]

**M.Sc. (Chemistry)**: Ayya Nadar Janaki Ammal College, Sivakasi. [2000]

**B.Sc. (Chemistry)**: Rajapalayam Rajus' College, Rajapalayam. [1998]

### Teaching and Research Experience

**Assistant Professor & HOD<sub>i/c</sub>** of Chemistry, University VOC College of Engineering Thoothukudi, Anna University Thoothukudi Campus, Thoothukudi-628 008 [August 2014 - till date].

**Assistant Professor & HOD<sub>i/c</sub>** of Chemistry, Regional Centre of Anna University, Tirunelveli Region, Tirunelveli - 627 007 [August 2010- July 2014].

**Research Executive** at Ipca laboratories Limited, Mumbai, India. [January 2010 - May 2010].

### Research Interests / Area of Research / Achievements in research/ Projects/Collaborations

Pharmaceutical Cocrystals, Inorganic-Organic Hybrid materials, Crystal Engineering

#### Selected Publications (Journals / Books) – recent 5 publications

**R. Ramasubramanian**, S. Kumaresan, R. Thomas, A. David Stephen, P. Kumaradhas, Synthesis and crystal structure investigation of pyridine-2-(3'-mercaptopropanoic acid)-N-oxide, **2007**, Cryst. Res. Technol., 42(10), 1024–1028.

**R. Ramasubramanian**, S. Kumaresan, B. Sridhar, A. David Stephen, P. Kumaradhas, meso-1,2-Diphenylethylenediammonium bis(squarate), **2007**, Acta Cryst., E63, o3034–o3035.

**R. Ramasubramanian**, S. Kumaresan, M. Indrani, A. David Stephen, P. Kumaradhas, B. Z. Awen, Crystal structure of catena- Poly[diacquabarium(II)- $\mu$ -aqua- $\kappa^2$ O:O-di- $\mu$ -1-oxopyridinium-2-thioacetato- $\kappa^4$  O:O trihydrate], **2007**, Analytical Sciences, 23, x149–x150.

**R. Ramasubramanian**, M. Indrani, S. Kumaresan, F. R. Fronczek, B. Z. Awen, meso-1,2-Diphenylethylenediammonium adipate, **2007**, Acta Cryst., E63, o3800.

M. Indrani, **R. Ramasubramanian**, S. Kumaresan, S. K. Kang, Min Chen, Miao Du, Hydrothermal synthesis, crystal structures, and properties of Co<sup>II</sup> and Ni<sup>II</sup> supramolecular complexes with 2,4,6-trimethyl benzoate and 4,4'-bipyridyl, **2008**, Polyhedron, 27, 3593–3600.

M. Indrani, **R. Ramasubramanian**, F. R. Fronczek, N. Y. Vasanthacharya, S. Kumaresan, Self-assembly of three new coordination complexes: Formation of 2-D square grid, 1-D chain and tape structures, **2009**, J. Mol. Struct., 931, 35–44.

#### **Administrative Post held**

Student Stationary Store **Coordinator** [May 2016 – till date].

#### **Awards and Honors received**

**Junior Research Fellowship** by DST, Govt. of India, July 2005 - May 2006. (Project title: Novel Platinum Anti-Cancer Compounds: Design, Synthesis and DNA Cleaving Studies).

**Senior Research Fellow** by CSIR, Govt. of India, April 2008 - August 2009.

#### **Membership List**

ISTE life member,