



Name : Dr. S. KUMARESAN
Designation : Professor of Chemistry
Department / Centre : Department of Chemistry

Educational Qualifications (Chronologically Reverse):

- Ph. D. (1985) in Synthetic Organic Chemistry from the Indian Institute of Technology, Madras, TN, India
- M. Sc. (1976) in Chemistry from VOC College, Tuticorin, TN, India
- B. Sc. (1974) in Chemistry from St. John's College, Palayamcottai, Tirunelveli, TN, India

Academic Affiliation:

- Professor of Chemistry, Manonmaniam Sundaranar University, Tirunelveli, TN, India, 2002 till date
- Associate Professor of Chemistry, VOC College, Tuticorin, TN, India, 1976-2000.
- Associate Professor of Chemistry, Faculty of Pharmacy, 07th of April University, Al-Zawia, Libya, Oct 2006 to Sept 2007
- Postdoctoral Fellow (November 1996 - March 1998), Institute of Chemistry, Academia Sinica, Nankang, Taipei, **TAIWAN**
- Postdoctoral Fellow (October 1992 - August 1994), Institute of Chemistry, Academia Sinica, Nankang, Taipei, **TAIWAN**
- Postdoctoral Fellow (July 1990 - September 1992), Dept of Chemistry, Brock University, St. Catharines, Ontario, **CANADA**

Professional Affiliation:

- Member, Board of Studies in Chemistry in different universities and autonomous colleges.
- Member, Board of Studies in Biochemistry, Dept of Biochemistry, Alagappa University, Karaikudi, TN
- Member, Board of Examiners in Chemistry (PG) in different universities and autonomous colleges.

Area of Research:

- Synthesis of Heterocyclic Steroids, Hydrothermal Synthesis of Organic-inorganic hybrids, Organic Molecular Co-crystals

Publications:

I. No. of Research Papers Published in Refereed Journals:

Five Papers based on Most Recent / Significance:

(If based on time, chronologically reverse; please mention, International or National;

If available, mention Impact Factor or Citation Index; ISSN)

1. 'New Coordination Modes of an Oxime Ligand in a Triosmium Cluster. Stabilization by Intra- and Intermolecular C-H...O Hydrogen Bonds' – M. H. Chao, S. Kumaresan, Y. S. Wen, S. C. Lin, J. R. Hwu, and K. L. Lu, Organometallics, 2000, 19(4), 714-717.
2. 'New Triruthenium Clusters as Photoinduced DNA-Binding and Cleaving Agents' – J. R. Hwu, K. L. Lu, S. F. Yu, L. J. Yu, S. Kumaresan, K. J. Lin, and S. C. Tsay, Photochemistry and Photobiology, 2002, 75(5), 457-461.
3. R. Ramasubramanian, S. Kumaresan, R. Thomas, A. David Stephen and P. Kumaradhas, "Synthesis and crystal structure investigation of pyridine-2-(3-mercaptopropanoic acid)-N-oxide", Cryst. Res. Technol., 2007, 42(10), 1024-1028
4. Murugan Indrani, Ramasamy Ramasubramanian, Sudalaiandi Kumaresan, S. K. Kang, Min Chen, and Miao Du, 'Hydrothermal Synthesis, 'Crystal structures and properties of Co(II) and Ni(II) supramolecular complexes with 2,4,6-trimethylenzoate' 2008, Polyhedron, 27, 3593-3600.
5. 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, 2009, 35-44.

II. Books and Monographs: (Please provide ISBN)

"Hydro(solvo)thermal Syntheses and Applications" – S. Kumaresan, M. S. University Publishers, 2009 ; ISBN 978-81-908352-2-0

Awards:

- UGC-Visiting Fellow, Indian Institute of Technology, Chennai-600 036, Nov 1989 to Feb 1990
- DST-SERC Visiting Fellow, Indian Institute of Science, Bangalore-560 012, Aug 2000 to Sept 2000
- Visiting Fellow, Jawaharlal Nehru Centre for Advanced Research, Bangalore-560 064, 04 June 2003 to 03 Sep 2003

Declaration

I hereby declare that, the information provided by is true to the best of my knowledge.

(Head of the Department)

(Signature of the Faculty)

