

Faculty Profile



Name : **Dr. S. KARTHIKEYAN**
Designation : Teaching Fellow
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Education

Ph.D. (Chemistry): Pondicherry University, Pondicherry. [March 2012].

M.Phil. (Chemistry): Pondicherry University, Pondicherry. [2000].

M.Sc. (Organic Chemistry): Annamalai University, Chidambaram. [1999].

B.Sc. (Chemistry): Periyar Arts College, Cuddalore. [1997].

Teaching and Research Experience

UGC Meritorious Research Fellow, Pondicherry University, 7 years 8 months

Teaching Fellow, University VOC College of Engineering, Anna University Thoothukudi Campus, Thoothukudi-628 008. [August 2014 - till date]

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

To make outstanding contribution in the field Organometallics, Nanoscale Materials and Supramolecular Chemistry

Selected Publications (Journals / Books) – recent 5 publications

S. Karthikeyan, R. Nagarajaprakash, C. A. Kumar, G. Satheesh, B. Manimaran, **2015**, Self-assembly of fac-Mn(CO)₃-core containing dinuclear metallacycles using flexible ditopic linkers", Dalton Trans., 44, 17389.

Chowan Ashok Kumar, **S. Karthikeyan,** Babu Varghese, V. Veena, N. Sakthivel, Bala. Manimaran, **2014**, Synthesis, characterisation and cytotoxicity evaluation of rhenium(I) based ester functionalised dinuclear metallacyclophanes, Journal of organometallic chemistry, 766, 86-94.

S. Karthikeyan, K. Velavan, R. Sathishkumar, B. Varghese, Bala. Manimaran, **2012**, Self-assembly of Manganese(I)-Based Molecular Squares: Synthesis and Spectroscopic and Structural Characterization, Organometallics, 31, 1953.

S. Karthikeyan, J. Muthukumar, R. Krishna, B. Manimaran, **2011**, 2,2'-[Naphthalene-1,5-diylbis(nitrilomethanylylidene)]diphenol, Acta Cryst., E67, 1765.

J. Muthukumar, **S. Karthikeyan**, G. Satheesh, B. Manimaran, R. Krishna, **2011**, Butane-1,4-diylbis(pyridine-4-carboxylate), Acta Cryst., E67, 1803.

Administrative Post held

Awards and Honors received

Graduate Aptitude test in Engineering (GATE - 2003) : Qualified,
Percentile Score: 81.37 %.

State Level eligibility Test (SLET - 2016) : Qualified.