

Name : Dr. K. JOHN ADAIKALASAMY

Designation : Associate Professor & Head (UG)

Department : Chemistry

Date of Joining : 24-11-1988

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Educational Qualification:

Degree	Subject	College / University & Place	Year Completed
B.Sc	Chemistry	The American College, Madurai	1985
M.Sc	Chemistry	St. Joseph's College, Trichy	1987
M.Phil	Chemistry	St. Joseph's College, Trichy	1988
B.Ed	Science	Madurai Kamaraj University	1989
Ph.D	Physical Organic Chemistry	Madurai Kamaraj University	2002

Specialisation in Teaching: Organic Chemistry

Specialisation in Research: Organic & Physical Organic Chemistry

Research Interests: Reaction mechanisms, synthesis of Heterocyclic compounds, redox reactions of bio-molecules

Administrative /Academic Position/s (held / currently holding):

Positions held / currently holding	Year - From (month/year) To month/year)
Dudley Hostel Superintendent	1990-96
Addl. Dean for Policy & Administration	2011-13
Dean of International Exchange & Study Abroad	2013 to till date
Head, Under-Graduate Chemistry Department	June 2013 onwards

Membership in Professional Bodies:

1. Member, Board of Studies, St. Joesph's College, Trichy 2010-2011
2. University Nominee, in Board of Studies, Lady Doak College, 2011-2013
3. External Member in the Awards Committee, Lady Doak College, 2014

Articles Published in International Journals:

- 1) Miscellar catalysis on the electron transfer reactions of iron (III) – polypyridyl complexes with organic sulfides – importance of hydrophobic interactions, S.Balakumar, P.Thanasekarna, E.Rajkumar, **K.John Adaikalasamy**, S.Rajagopal, R.Ramaraj, T.Rajendran, B.Manimaran, K.L.Lu, *Organic & Biomolecular Chemistry* **4** (2006): 352-358.
- 2) Electron transfer reactions of iron (III) – polypyridyl complexes with organic sulfoxides – **K.John Adaikalasamy**, Natarajan Sathiyamoorthy Venkataraman, Seenivasan Rajagopal, *Tetrahedron*, **59** (2003): 3613-3619.

Conference / Seminar Presentations:

1. Micellar effects on the electron transfer reaction of iron(III)-polypyridyl complexes with sulfur containing aminoacids, Modern Trends in Inorganic Chemistry, I.I.T. Mumbai, 15-17th December, 2003.
2. Electron transfer reactions of iron(III)-polypyridyl complexes with sulfur containing amino acids, Current Trends in Chemistry, Madurai Kamaraj University, 21-22nd July, 2003.
3. Electron transfer reactions of iron(III)-polypyridyl complexes with organic sulfoxides, National symposium on Recent Developments in Organometallic Chemistry, Manonmaniam Sundaranar University, Tirunelveli, 27-28th March, 2003.
4. 'Molecular modelling' at Thiagarajar College, February 27-28, 2007.
5. '1D and 2D NMR Spectroscopy and its applications' at Madurai Kamaraj University, February 2007.
6. 'Green Chemistry' organized by the School of Chemistry, Madurai Kamaraj University, Madurai – 625 021, 15-16th July, 2005.

Convener of the following Symposiums:

National Workshop on Applications of Nano particles, Materials and Sensors	7 th – 8 th Dec 2012	CSIR,DRDO & DST
National Symposium on Frontier Areas in Chemistry-II	27 & 28th Jan 2014	UGC/DST/DRDO

Lectures / Talks given:

Invited lectures are given in the following Colleges:

1. Department of Chemistry, Lady Doak College, Madurai
2. Department of Chemistry, Fatima College, Madurai
3. Department of Chemistry, Arul Anandar College, Madurai
4. Department of Chemistry, Yadava College, Madurai
5. Department of Chemistry, S.F.R. College, Sivakasi
6. Department of Chemistry, Jayaraj Annapackiam College, Periyakulam
7. Department of Soil Science, Agricultural College, Madurai

Overseas Academic Visits:

Visited **Oberlin College, Ohio, USA** from Feb.2006 to May 2006 as International Academic Fellow.