

Name : C. R. Yuvarajan
Designation : Associate Professor & Head
Department : Chemistry
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Educational Qualification: M.Sc., Ph.D.,

Degree	Subject	College / University & Place	Year Completed
B.Sc	Chemistry & Mathematics	The Madura College, Madurai	1982
M.Sc	Chemistry	The Madura College, Madurai	1984
Ph.D.	Chemistry	Madurai Kamaraj University, Madurai	1995

Specialisation in Teaching:

1. Organic Chemistry
 - Stereochemistry
 - Biomolecules
 - Spectroscopy
 - Organic analysis
2. Physical Chemistry
 - Molecular Spectroscopy
 - Thermodynamics
 - Chemical kinetics
 - Electrochemistry
 - Photochemistry
3. Inorganic Chemistry
 - Metallurgy
 - Coordination chemistry
 - Bioinorganic chemistry
4. Applied Chemistry
5. Pharmaceutical Chemistry

Specialization in Research: Natural Products Chemistry

Research Interest:

1. Secondary metabolites in plants
2. Coordination complexes

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

Positions held / currently holding	Year - From (month/year) To month/year)
Dean – UGC Affairs	2011 – 2012
Secretary – Alumni Association	2008 – 2014
Head – Dept.of Chemistry	2012 - till date
Member- Awards Committee	2013 – 2014

Membership in Professional Bodies:

Member in Board of Studies – Chemistry

1. Saraswathi Narayanan College, Madurai
2. The Madura College, Madurai
3. MTN College, Madurai.
4. EMG Yadava College for Women, Madurai
5. SRNM College, Sattur (MKU university nominee).
6. Devanga Arts College, Aruppukottai

Articles Published in International Journals:

1. Synthesis of 5,6 – dihydroxy – 7,4'- dimethoxy flavone by transacylation method, *Current Science*, Vol.58, No.1, 1989, 29-30.
2. Flavonoids of *Striga lutea* , Indian Journal of Heterocyclic Chemistry, Vol.1, 1992, 259-260.
3. Chemical Examination of the roots of *Dalbergia Coromandeliana Prain* , Indian Journal of Heterocyclic Chemistry, Vol.4, 1995 259-260.

4. Coromandelin – a new isoflavone apioglucoside from the leaves of *Dalbergia Coromandeliana Prain*, Journal of Natural Products, Vol.58,No.8,1995 1240-1241.
5. A new flavone methylether from *Helicteres isora*, Journal of Natural Products, Vol.58,No.8,1995 1242-1243
6. Synthesis,DNA binding and antimicrobial studies of novel metal complexes containing a pyrazolone derivative Schiff base, Chemical Papers,Vol.64(3), 2010, 318-328.

Conference / Seminar Presentations:

1. Participated in “UGC / DST / DRDO sponsored National Symposium on – Frontier Areas in Chemistry -II” held on 27,28 January 2014 at The American College, Madurai
2. Participated in “UGC sponsored National Seminar on – Frontiers in Chemistry ” held on 14, 15 February 2013 at The Madura College, Madurai
3. Participated in “UGC sponsored National Seminar on Emerging Trends in Chemistry” held on 28-29th July 2011 at VHNSN College, Virudhunagar.
4. Participated in “UGC sponsored National Conference on Role of Chemists in Advanced Chemistry” held on 25-26th July 2011 at ANJA College, Sivakasi.
5. Participated in “UGC- NAAC sponsored” Trainers Training Programme on Values in Life and Motivation” held on 15th July 2010 organized by Sourashtra College, Madurai
6. Participated in “UGC sponsored Workshop on Nuclear Chemistry” held on 19th September 2009 at Thiagarajar College, Madurai-625009
7. Participated in “NAAC sponsored State Level Workshop on Quality Excellence and Quality Sustenance in Education” held on 21st August 2009 organized by Sourashtra College, Madurai.
8. Participated in “IAS, INAS, INSA sponsored Lecture Workshop on Frontier in Chemistry” held on 27th & 28st March 2009 organized by H.K.R.H.College Uthamapalayam.
9. Participated in “UGC sponsored National Seminar on Expanding Frontiers in Chemistry” held on 20th March 2009 organized by Arul Anandar College, Karumathur
10. Participated in “CSIR sponsored National Seminar on Recent Trends in Chemistry ” held on 26th & 27th February 2009 organized by Jeyaraj Annapackiam College, Periyakulam.

11. Participated in “VECT sponsored National Seminar on Recent Advances in Green Chemistry” held on 14th October 2008 organized by Vellammal College of Engineering, Madurai.
12. Participated in “UGC ,CSIR sponsored National Seminar on Frontier in Natural Products Chemistry” held on 20th & 21st March 2008 organized by Madurai Kamaraj University, Madurai-625021
13. Participated in “DST sponsored State Level Workshop on Molecular Modelling” held on 27th & 28th February 2007 organized by Thiagarajar College, Madurai-625009.

Other activities / information / academic credentials you would like to mention:

1. Additional Examiner and Chief Examiner in the Board of Chemistry - Major & Ancillary - Madurai Kamaraj University, Madurai
2. Examiner - Practical Examinations in various autonomous colleges and Madurai Kamaraj University, Madurai