



Dr V Alex Ramani

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Associate Professor of Chemistry

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About Me

I had a strong desire to become a teacher when I was a student. Becoming a teacher, I enjoy my profession of teaching Chemistry at the Tertiary Level for B.Sc., and M.Sc., students. I do guide scholars for doing research in M.Phil., and Ph.D., Chemistry. I deem it a great responsibility of disciplining the students to be socially conscious and committed.

Education

- **1981: B. Sc. Chemistry** - GTN Arts College, DINDIGUL 624005
Passed in FIRST Class
- **1983: M. Sc. Chemistry** - Loyola College, CHENNAI 600034
Passed in FIRST Class
- **1986: M. Phil. Chemistry** - Loyola College, CHENNAI 600034
Passed in FIRST Class
- **1994: PGDCA** – Madurai-Kamaraj University, Madurai
Passed in FIRST Class
- **2003: Ph.D. Chemistry** - St Joseph's College, Tiruchirappalli 620002
Area of Specialization: Natural Products Chemistry

Professional Qualifications and Experience

- **1988: A Short-term Course on Effective Communication** –
AIACHE at Christu Jyothi College, Bangalore
- **1988: Orientation Course** – Academic Staff College,
Bharathidasan University, Tiruchirappalli 620024
- **1992: UNESCO Sponsored Certificate Course on Advanced
Techniques in Inorganic Chemistry** – University College, Dublin,
Ireland
- **1994: Refresher Course in Inorganic Chemistry** –
Department of Chemistry, Bharathidasan University,
Tiruchirappalli 620024
- **2003: Refresher Course on Analytical Instrumentation**
IIT Chennai 600035
- **1994: M. Phil. Guideship** – Bharathidasan University,
Tiruchirappalli – 24
- **2005: Ph.D. Guideship** – Bharathidasan University,
Tiruchirappalli – 24

Experience in Teaching Chemistry :

- 32 years for B.Sc Chemistry, M.Sc Chemistry and M.Phil Chemistry
(Date of Appointment: Dec 14, 1987)

Skills

- Curriculum Designing Skill as a member of BoS of Dept of Chemistry
- Book-writing Skill, Scientific-Manuscript-writing Skill
- Computer Skills – Specialized use of Chemistry Software
- Musical keyboard Playing Skill, Choir-Mastering Skill
- Organizing Skills – Seminars, Conferences and Meetings

Awards and Recognitions

- 1992: UNESCO Fellowship for UNESCO Sponsored Certificate Course on Advanced Techniques in Inorganic Chemistry
- 1999: UGC Fellowship for doing Research under FDP
- Cash Awards for authoring Books from St. Joseph's College : **2**

Academic and Research Contributions

Books Authored :

Number of Books, authored : **02**

1. 'Food Chemistry' 2010, MJP Publishers, Chennai 600005
2. 'Stereochemistry' 2012, MJP Publishers, Chennai 600005

Practical Manuals Authored : FIVE

1. 'Volumetric Analysis Workbook for I B. Sc Chemistry'
2. 'Physical Chemistry Workbook for II B.Sc Chemistry'
3. 'A Laboratory Manual for III B.Sc Chemistry'
4. 'Organic Chemistry Workbook for II M.Sc Chemistry'
5. 'Micro-qualitative Analysis of Organic Compounds for I M.Sc Chemistry'

Innovations in Chemistry Practicals:

- Microlevel techniques, incorporated in the methodology of Chemistry Practicals. It is Cost-effective, Time-saving and Waste-reducing

Educational Consultancy:

- Membership in Board of Studies
- Giving Invited Talks in Chemistry Forums
- Coaching Classes for the M.Sc Chemistry students for the NET/SET
- Coaching Classes for the students for the Govt Services Examinations

Research Guidance:

- Ph.D. Supervised and Completed : **08**
- Ph.D. Supervision and on-going : **02**
- M.Phil. Supervised and Completed : **35**
- M.Phil. Supervision and on-going : **01**

Research Projects:

UGC Funded Minor Research Projects: Successfully completed

- 2004: Phytochemical Analysis of the Medicinal Plants- *Bacopa monnieri* and *Sesbania grandiflora*
- 2009: Phytochemical Analysis of the Medicinal Plant – *Polycarpeae corymbosa*

Research Articles:

- Research Articles published: 32 Papers
National Journals - 12 Papers & International Journals- 20 Papers

Participation in Seminars:

- Participation in Seminars and Conferences: Twenty Seven
International: 09 Articles & National: 18 Articles

Coordinatorship:

- Coordinator for the DST-FIST Programme
- Coordinator for DBT-STAR College Scheme

Community Service:

- With SHEPHERD Extension Department
Science Exhibition, Talks in Awareness Programs, etc.
- With Campus Ministry
Retreat for Students, Prayer Worship, etc.