



# Dr A. LEOSTANDLY

Assistant Professor of Chemistry

11-D V.O.C NAGAR, 7<sup>TH</sup> MAIN STREET,  
KALLAKURICHI,  
VILLUPURAM DT. 606202,  
Tamilnadu, INDIA  
e-Mail : leostandly@gmail.com

Dr A. LEOSTANDLY  
Assistant Professor  
Department of Chemistry  
St. Joseph's College  
Tiruchirappalli 620002  
Tamilnadu, INDIA

+91-9524329504  
leostandly@gmail.com

## ABOUT ME

- \* I take part the mission of the Jesuits in forming the young students as men and women for others by having Ignatian value in my teaching through Ignatian pedagogies.
- \* 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 Chemistry.
- \* I deem it a great responsibility of disciplining the students to be socially conscious and committed.

## EDUCATION

- **1996: B. Sc. Chemistry** – *St. Joseph's College, Cuddalore Dt, University of Madras.*
- **1999: M. Sc. Chemistry** – *K.M. College, Tanjore Dt. Bharathidasan University.*
- **2006: M. Phil. Chemistry** - *Loyola College, CHENNAI 600034 .*
- **1997: B.Ed**– *Pope John Paul II College of Education, Pondicherry University, Puducherry.*
- **2014: Ph.D. Chemistry** - *St Joseph's College, Tiruchirappalli 620002.*
- **Area of Specialization:** Organic Chemistry- Natural Products Chemistry.

## PROFESSIONAL QUALIFICATIONS AND EXPERIENCE

- **2003: Orientation Course** – *Academic Staff College, Bharathiar University, Coimbatore 620020.*
- **2006: Refresher Course in Chemistry** – *Academic Staff College,, Pondicherry University, Pondicherry 605014.*
- **2007: M. Phil Guideship** – *Thiruvalluvar University, Vellore-632115.*

## SKILLS

- Curriculum Designing Skill as a member of BoS of Dept of Chemistry.
- Trained Soft Skill Trainer in Group Discussion and Team Building.
- Students Counsellor.
- Book-writing Skill, Scientific-Manuscript-writing Skill.
- Computer Skills – Specialized use of Chemistry Softwares.
- Musical keyboard Playing Skill, Choir-Mastering Skill.
- Organizing Skills – Seminars, Conferences and Meetings.

## AWARDS AND RECOGNITIONS

- **2008:** Best Teacher Award from Lions Clubs International and Lion Club of Cuddalore Cosmopolitan, Cuddalore in 2008.
- Cash Awards for authoring Books from St. Joseph's College : **01**

## ACADEMIC AND RESEARCH CONTRIBUTIONS

### Experience in Teaching Chemistry :

- 16 years for B.Sc Chemistry, M.Sc Chemistry and M.Phil Chemistry.

### Books Authored :

Number of Books, authored : **01**

1. '*Stereochemistry*' 2012, MJP Publishers, Chennai 600005.

### Innovations in Chemistry Practicals:

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

### Educational Consultancy:

- 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:

- M.Phil. Supervised and Completed : **07**

### Research Articles:

- Research Articles published: 13 Papers

### List of Papers Published:

1. Phytochemical screening and GC-MS studies on the ethanolic extract of *Cayratia pedata*, **A. Leo Stanley**, V. Alex Ramani and A. Ramachandran, *Int. J. Pharm. Phytopharmacol. Res.*, 2011, *1*(3), 112-116. ISSN(Online):2249-6084 ISSN(Print)
2. Phytochemical screening of the ethanolic and petether extracts of *Gymnema kollimalayanum* using HPLC and GC-MS techniques A. Ramachandran, **A. Leo Stanley** and V. Alex Ramani, *Journal of Pharmacy Research*, 2011, *4*(11), ISSN:0974-6943.
3. Phytochemical and spectral study of the medicinal plant- *Tragia plukenetii*, **A. Leo Stanley**, A. Charles, V. Alex Ramani and A. Ramachandran, *Journal of Pharmacy Research*, 2011, *5*(3), 1701-1703, ISSN:0974-6943.

4. A Novel extraction isolation and characterization of a Ketopolyene from the ethanolic extract of *Gymnema kollimalayanum*, V. Alex Ramani, **A.LeoStanley**, A.Charles, R. Kanmani, *RETELL*, 2012. ISSN:0973-404 X.
5. Novel extraction and Phytochemical Screening of *Alseodaphne semecarpifolia nees (Lauraceae)* V. Alex Ramani, A. Charles, **A. Leo Stanley**, M. Joseph, C. Mani, *International Journal of Pharmacy and Pharmaceutical Sciences*, 2012, Vol. 4(2). ISSN0975-1491.
6. Phytochemical analysis of *Polycarpaea corymbosa*, V. Alex Ramani, Kanmani, **A. Leo Stanley**, *RETELL*, 2012, Vol. 12(2), 175-404. ISSN:0973-404 X.
7. GC-MS Analysis of bioactive components on the bark extract of *Alseodaphne semecarpifolia nees (Lauraceae)*, A. Charles, **A. Leo Stanley**, M. Joseph, V. Alex Ramani, *Asian Journal of Plant Science and Research*, 2011, 1(4), 25-32. ISSN:2249-7412.
8. Isolation of a Chalcone from the medicinal plant *Boccopa monnieri*, M. Suresh, X. Queen Rosary Sheela, R. Kanmani, C. Mani, Lalitha Eswaran, **A. Leo Stanley** and V. Alex Ramani, *Asian Journal of Chemistry*, 2010, 22(2), 965, ISSN:0970-7077.
9. Effect of Heat Treatment on Germination, Seedling Growth and some Biochemical Parameters of dry seeds of Black Gram, B. Helen Mary Piramila, A. Lakshmi Prabha, V. Nandagopalan, **A. Leo Stanley**, *Int. J. Pharm. Phytopharmacol. Res.*, 1(4): 194-204, 2012. ISSN(Online)2249- 6084:ISSN(Print)2250-1029.
10. Phytochemical Analysis and Structural Characterisation studies of the Extracts of the Medicinal Plant – *Cayratia pedata*, **A. Leo Stanley**, V. Alex Ramani, *Chemical Science Review and Letters*, 2014, 2(5), 355-362. ISSN:2278-6783.
11. Cyclic Voltammetric Studies on Ethoxylation of Benzyl Alcohol, S. Antony Sakthi, **A. Leo Stanley**, M.S. Selva Kumar, *Chemical Science Review and Letters*, 2014, 2(7), 515-520. ISSN:2278-6783.
12. Electrosynthetic studies on ethoxylation at graphite and platinum anodes, **A. Leo Stanley** ,S. Antony Sakthi,N.Xavier, *International Journal of Chemistry and Pharmaceutical Sciences*,2016,4(2),11-15,ISSN:2321-3132.
13. The effect of Calotropis Gigantea leaf extract on growth control of struvite crystals R.Reena Loice , P.Parthiban, **A.Leo Standly**, *International Research Journal of Engineering and Technology(IRJET)*, 5(2), 2018.e-ISSN:2395-0056, p-ISSN:2395-0072.

## **NATIONAL / INTERNATIONAL CONFERENCES:**

1. Management of Choir Waste-Its Disposal, “International Conference on Globalisation-Impact, Challenges and Opportunities ICGICO 2008” on 14<sup>th</sup> & 15<sup>th</sup> March 2008, St. Joseph’s College, Cuddalore. (**Oral presentation**).
2. Phytochemical and spectral study of the medicinal plant- *Tragia plukenetii*, **A. Leo Stanley** and V. Alex Ramani, National Conference on New Renaissance in Chemical Research, 4<sup>th</sup> March, 2011, SRM University, Chennai. (**Oral presentation**).
3. Novel extraction and Phytochemical Screening of *Alseodaphne semecarpifolia nees (Lauraceae)* V. Alex Ramani, A. Charles, **A. Leo Stanley**, International Conference on Traditional Drugs in Disease Management, “Phytocongress – 2011”, 11 and 12 January 2012, SASTRA University, Tanjore, Tamil Nadu. (**Poster Presentation**).
4. Phytochemical Analysis of the Medicinal plant *Tragia Plukenetii* A.Leo Stanley , International Conference on Sustainable Utilisation, Management and Conservation of Bioresources(ICSMBC-2013),Department of Botany, St. Joseph’s College, Tiruchirappalli, Tamilnadu, 10<sup>th</sup> and 11<sup>th</sup> January 2013. (**Oral presentation**).

## **STATE / NATIONAL / INTERNATIONAL WORKSHOP:**

1. One day National Workshop on “RIGHT TO EDUCATION”, for the Differently abled persons in Higher Education, IECD, Bharathidasan University, Tiruchirappalli, 10<sup>th</sup> October 2011 (**Participation**).
2. Research Day programme on “Pursuing Socially Relevant Research- Possibilities and Concerns”, St. Joseph’s College, Tiruchirappalli, 28<sup>th</sup> January 2012 (**Participation**).
3. A One day State level workshop on MICROTECHNIQUES, Department of Chemistry, Cauvery College for Women, Tiruchirappalli, Tamil Nadu on 4<sup>th</sup> September 2012 (**Participation**).
4. One day training programme on Educational Assistance to Differently Abled students of Higher Education, Department of Differently Abled Welfare, Tiruchirappalli, 06.03.2013 (**Participation**).
5. NPTEL WORKSHOP, National Programme on Technology Enhanced Learning( IIT MADRAS), at Rev. Jacob Memorial Christian College, Ambilikkai, Dindigul District, Tamilnadu on 2<sup>nd</sup> February 2013 (**Participation**).

6. A one day NATIONAL CONFERENCE ON ADVANCED MATERIALS IN CHEMISTRY-NCAMC '18 at PG&Research Department of Chemistry, St. Joseph's College, Tiruchirappalli, 8<sup>th</sup> February 2018. (**ORGANIZING SECRETARY**).

**RESOURCE PERSON:**

1. Delivered A SPECIAL LECTURE ON STEREOCHEMISTRY to the students of the Department of Chemistry, Cauvery College for Women, Tiruchirappalli on 28.09.2012.

2. Delivered a special lectures cum demonstration on YOUNG STUDENT SCIENTIST PROGRAMME conducted by SHEPHERD Department, St. Joseph's College, Tiruchirappalli, 01<sup>st</sup> May to 05<sup>th</sup> May 2013.

3. Delivered a special lecture cum demonstration on Thin Layer Chromatography and Column Chromatography in a One Day State Level Workshop On "MICROBIAL AND PHYTOCHEMICAL TECHNIQUES" at Department of Botany, St. Joseph's College, Tiruchirappalli, 18<sup>th</sup> December 2014.

4. Delivered a special lecture cum demonstration on Thin Layer Chromatography and Column Chromatography in a ONE DAY STATE LEVEL WORKSHOP ON MODERN METHODS OF ANALYTICAL TECHNIQUES IN CHEMISTRY RESEARCH(SWAT 14), PG & Research Department of Chemistry, St. Joseph's College, Tiruchirappalli, January 31, 2014.

5. Delivered A SPECIAL LECTURE ON STEREOCHEMISTRY to the students of the Department of Chemistry, Dr. RKS College of Arts & Science, Indili, Kallakurichi on 03.03.2016.

6. Delivered a special lecture on "FUNDAMENTALS AND APPLICATIONS OF ORGANIC CHEMISTRY" to the students of the Department of Chemistry, Sri Lakshmi College of Arts & Science, Kallakurichi on 14.09.2016.

7. Delivered A SPECIAL VIDEO CONFERENCE LECTURE ON ORGANIC STEREOCHEMISTRY to the UG, PG students of the Department of Chemistry, Theivanai Ammal College of Women, Villupuram on 09.03.2018.

**ADDITIONAL RESPONSIBILITIES:**

1. IAS ACADEMY- Handling classes for IAS Preliminary Exam in JASS IAS ACADEMY for Economically and Socially deprived students.

2. Actively participating in SHEPHERD Programmes.
3. NATURE CLUB ADDITIONAL COORDINATOR-Planting Trees with the students under the Guidance of Rev.Dr.F.Andrew SJ, Principal, St.Joseph's College, Tiruchirappalli.
4. MEMBER OF CAMPUS MINISTRY: Involving in all Prayer Services and other activities of the Campus Ministry under the Guidance of Campus Minister, St.Joseph's College, Tiruchirappalli.
5. Additional Staff-in Charge for the DST-FIST Sponsored Computer lab.
6. Additional Staff in-Charge for conducting SEMINARS/ WORKSHOP/CONFERENCES etc.,
7. Member of Discipline committee- Actively maintaining the discipline of the students in all the common College programs such as INDEP, SPORTS DAY, COLLEGE DAY, CONVOCATION DAY etc.,
8. SOFT SKILL- SOFT Skill Trainer for both UG&PG Students.
9. STUDENTS COUNSELLOR -Trained students' Counsellor of the students.
10. UGC-NET / SET / GATE / IIT-COACHING CLASSES- Actively handling classes for the students who prepare for those exams.