

Bio Data

NAME : DR. GEETHA ANDREWS

Designation : Associate Professor and former Head
Department of Chemistry and Centre for Research,
St. Teresa's College (Autonomous), Ernakulam.

Qualifications: MSc, MPhil, PhD, Dip.in Journalism

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Administrative Experience:

- Controller of Examinations of the College from 2017 June to November.
- HOD of chemistry for 13 years.
- Has been part of the interview board which selected permanent faculty and guest faculty.
- Has been the Board of studies chairperson(PG and UG) for 4 years (2014-2018)
- Faculty in charge of Science Block

Educational Qualifications:

- **PhD (Environmental Chemistry)**- Department of Chemical Oceanography, CUSAT
- **MPhil (Organic Chemistry)** , Department of Applied Chemistry, CUSAT
- MSc-- Department of Applied Chemistry, CUSAT
- BSc -St. Joseph's College For women, Alleppey, University of Kerala
- Diploma In Journalism -(Xavier Intitiute of Communications, Mumbai)
- Certificate course in counseling- Santhwana – Ernakulam.

Teaching Experience:

Sl No.	Name of the College	Duration
1.	St. Teresa's College (Autonomous), Ernakulam	1991 onwards till date
2.	St. Joseph's College, Bangalore (Guest faculty)	10 months
3.	Fathima Matha National College, Kollam.	6 months

Research Experience:

- 4 Years of research experience in **environmental chemistry** as part of PhD work in **CUSAT**.
Title of thesis – Chemical evaluation of selected organics and trace metals in the mangrove macroflora of Cochin
- 6 Months of research work in **synthetic organic chemistry** as part of MPhil in **CUSAT**.
Title of MPhil thesis –Oxidative cyclisations using N -Oxides
- MSc Project work in **synthetic organic chemistry** at **IICB Calcutta**.
Title of Project work-Synthetic studies on benzopyridoquinolazine alkaloids.

Student centered Creative initiatives :

- Started systematic recording of multi dimensional student data of dept.
- Started the news letter- **Rasathantra** of the department of Chemistry in March 2011.
- Initiated “ Beyond self” the social service programme of the dept.
- Initiated Dr. Sister Bertille Memorial Lecture Series, in collaboration with STARS of the department
- Computer Training Programme for students prior to project submission
- NET orientation programmes with CSIR qualified resource persons
- Organised '**Kitab**' a book exhibition in association with **GOONJ**, an all India NGO.

Scholarships won

- UGC FIP Fellowship for PhD
- CUSAT Merit Scholarship for MPhil
- Kerala University Merit Scholarship for Pre Degree

Leadership

Was the **Chairperson** of St. Joseph's College, Alleppey during the year, 1984-85.

Hostel Secretary of Women's hostel of CUSAT

Active member of National Service Scheme (Has received best lady volunteer award at state level intercollegiate camp), and Vice - President of Rotaract Club

Resource Person

- Resource person for 3 day NSS Mini Camp of NSS Volunteers of St. Teresa's College, Ernakulam on 31/8/2013, at St. Teresa's College, Ernakulam. Gave the **presentation on Eco-friendly living for youth"**-
- Resource person for International Year of Chemistry celebrations of St. Joseph's college, Alleppey. **Topic -Mangroves**
- TROP Programme at Don Bosco Bhavan Palluruthy- **Topic- Overcoming Exam Fear.**

- **Publications:** 10 Publications.