

Profile

K Thomas S S Raju



Designation Lecturer (SG)
Department Chemistry
Date of Birth 10-03-1969
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Education:

| Details | Year | Institution | Percentage/Grade |
|---------|------|-------------------------|------------------|
| UG | 1989 | Andhra Loyola College | 77 |
| PG | 1992 | Andhra University | 71 |
| PGDCAQM | 2001 | University of Hyderabad | 75 |
| NET | 1998 | UGC-CSIR | |

Experience:

| Period | Designation | Institution / Organization |
|----------------|-------------|------------------------------------|
| 1992-Till date | Lecturer | Andhra Loyola College (Autonomous) |

Courses Taught:

| Year | Title(s) of the Courses |
|-----------|--|
| 2017-2018 | Organic Chemistry, Physical Chemistry, Inorganic Chemistry |
| 2018-2019 | Organic Chemistry and Physical Chemistry |
| 2019-2020 | Organic Chemistry, Physical Chemistry, Inorganic Chemistry |
| 2020-2021 | Organic Chemistry, Physical Chemistry, Analytical Methods in Chemistry |
| 2021-2022 | Organic Chemistry and Spectroscopy, Physical Chemistry |
| 2022-2023 | Synthetic Organic Chemistry |

Research Profile: Published 16 research articles in reputed journals with good impact factors.

Research Area: Thermodynamic study of interactions in the binary mixtures containing Ionic liquids. Density Functional theory of binary liquid mixtures.

Research Publications:

https://drive.google.com/drive/folders/1qoiSnH4jduHu9ATtB_WLm02iy5b7yE4J?usp=sharing

Google Scholar <https://scholar.google.com/citations>

Professional Development Activities – Participations

Faculty development Programme

| Year | Programme | Number |
|---------|--|--------|
| 2017-18 | A Workshop on Computational Chemistry in Gaussian16 and Gauss View6 held at New Delhi by Gaussian Incorporation, USA | 1 |
| 2018-19 | A Workshop on Density Functional by Gaussian Incorporation, USA in collaboration with Scube India Private Limited in New Delhi | 1 |
| 2019-20 | A Workshop on Computational Chemistry and Biology for three weeks held at the University of Hyderabad, Hyderabad. | 1 |
| | A Workshop on Computational Chemistry and Biology conducted by IIT Kanpur, Kanpur. | 1 |

Seminars /Conferences

| Year | Programme | Number |
|-----------|---|--------|
| 2017-2018 | Presented a paper at an international conference held at IIT Bombay, Mumbai, India | 1 |
| 2018-2019 | Presented a paper at a national Symposium on Computational Chemistry held at BARC, Mumbai | 1 |
| 2021-2022 | Gave an invited talk at the University of Madras, Chennai during an international conference | 1 |
| | Presented three posters at an international conference held at the University of Madras, Chennai. (By project students) | 3 |
| | Presented papers in National seminars at Andhra Loyola College | 3 |
| 2022-2023 | Presented a paper at Osmania University, Hyderabad, in an international conference. | 1 |
| | Presented three posters at an international conference held at Osmania University Hyderabad. (By project students) | 3 |
| | Attended National level Seminars at Andhra Loyola College | 3 |