



Dr S Britto

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

Dr S Britto

Assistant Professor of Chemistry

23/9, Kakkan Colony Extension, K.K. Nagar,
Airport Post, Tiruchirappalli-620 007,
Tamilnadu, INDIA
+91-9003640804 brittoseba@yahoo.co.in

Research interests:

Organic synthesis, annulations reactions, design and synthesis of biologically active and energy harvesting compounds such as azaspirocycles, cyclic amines, thioiminium ions, and dye sensitizers, asymmetric synthesis and total synthesis.

Education

- **2000: B. Sc. Chemistry** – Govt. Arts College, Salem-636 007
Board: University of Madras
- **2002: M. Sc. Chemistry** – St. Joseph's College, Trichy-620 002
Board: Bharathidasan University
- **2004: M. Phil. Chemistry** – St. Joseph's College, Trichy-620 002
Board: Bharathidasan University
- **2009: Ph.D.** – Bharathidasan University, Trichy-620 024
Area of Specialization: Organic synthetic Methodology

Professional Qualifications and Experience

- **2012:** Soft Skills Training at St. Joseph's College, Trichy 2013
- **2013:** Orientation for Newly Recruited staff at Loyola College, Chennai
- **2016:** UGC-HRDC Orientation Programme at Bharathidasan University
- **2016:** Ph.D. Guide ship from Bharathidasan University, Tiruchirappalli
- **2018:** UGC-HRDC Refresher Course in Chemistry, Pondicherry University

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 Softwares
- Organizing Skills – Seminars, Conferences and Meetings

Awards and Recognitions

- UGC-Dr. D. S. Kothari Postdoctoral Fellowship from 2009-2011.
- Swiss Federal Commission Scholarship for foreign Students 2006-2008.
- Best poster presentation: FIRST prize in RSCTM-2 conducted on
 - January 2005, at School of Chemistry,
 - Bharathidasan University, India.
- College Management Medal: First Rank in M.Phil.
- Dr. K. Durairaj Endowment Cash Award for First Rank in M.Phil..
- Academic prize for first rank in II M.Sc.
- Dr. S. Kannan Endowment Cash Award for Second Rank in M.Sc.

Academic and Research Contributions

Experience in Teaching Chemistry :

- 6 years for B.Sc Chemistry, 5 years for M.Sc Chemistry and 1 year for M.Phil Chemistry

Educational Consultancy:

- Membership in Board of Studies
- Coaching Classes for the B.Sc Chemistry students for the IIT-JAM

Research Articles:

- Research Articles published: 3 Papers (International Journals)

Participation in Seminars:

- Participation in Seminars and Conferences: 3

Instruments handled:

- FT-NMR: Bruker AV-III 400 MHz, Bruker Avance-300 MHz, Bruker AC 200 MHz
- FT-IR : Perkin Elmer Spectrum one, Jasco FT-IR 460 plus
- GC-MS : Perkin Elmer Clarus 500

Peer Reviewed Publications:

1. An Efficient Method To Convert Lactams and Amides into 2,2-Dialkylated Amines, Agosti, A.; **Britto, S.**; Renaud, P. *Org. Lett.* **2008**, *10*, 1417.
2. Synthesis, spectral and antimicrobial studies of thioiminium iodides and amine hydrochlorides, Britto, S.; Renaud, P.; Nallu, M. *Spectrochim. Acta Part A* 2014, *120*, 489.
3. 2-Amino-4-methoxy-6-methylpyrimidin-1-ium trifluoroacetate, IUCr Data, *1*, x161010

Presentations in Scientific Meetings

1. Presented a paper in the UGC sponsored National Seminar on FIC-06 held at the Department of Applied Chemistry, Cochin University of Science and Technology, India on March 2006.
2. Presented research paper in the CRSI seminar at the Department of Chemistry, Annamalai University, India on March 2006.
3. Presented a paper in the CRSI National Symposium conducted on January 2005 at School of Chemistry, Bharathidasan University, India.

Grants Received:

- UGC-Dr. D. S. Kothari Postdoctoral Fellowship, University of Hyderabad, 2009
- Indian Academy of Sciences Grant for conducting three days workshop in St. Joseph's College, Tiruchirappalli