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Researcher Profile

Spring 10-1-2022

Research work focused on new materials synthesis and techno-commercial feasibility studies

Subrahmanya Bhat K

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Subrahmanya Bhat K, PhD

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Professional Background

Oct 2016-till date: **Associate Professor-Senior Scale**, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal.

Nov 2010-Sept 2016: **Associate Professor**, Manipal Institute of Technology; Placement co-ordinator, Project co-ordinator-2011, MSc course; Organized 04 conferences; Guided 10 IAESTE & 5 MSc projects; NMR co-ordinator-2012; Member, PG Board of Studies in Chemistry-Manipal Academy of Higher Education.

Editorial Board Member-Journal of Applied Pharmaceutical Science (2018-till date)

Researcher co-ordinator; Guided 1 candidate & evaluated 12 PhD thesis.

Question paper scrutinizer and question setter for other universities.

May 2009-Oct 2010: **Reader**, Research guide for PhD, Manipal Institute of Technology, Manipal Academy of Higher Education.

Feb 2009-April 2009: **Visiting Fellow**, Institute of Chemistry, Academia Sinica, Taiwan.

June 2005-December 2008: **Research Scientist**, GE India Technology Centre, Bangalore.

Dec 2004-May 2005: **Post Doctoral Fellow**, GE India Technology Centre, Bangalore, India.

June 2001-Nov 2004: **JRF and SRF** (CSIR), Mangalore University.

Publications

70 Research papers & 2 US patents; 8 Projects (Organic Synthesis, Materials and Medicinal Chemistry).

H-index: 25, Total citations: 2865 (Source: google scholar)

Scopus author id: 6507513155; h-index: 22; Citations: 2126.

(Top cited author-Manipal Institute of Technology-Chemistry).

Google scholar selected our paper as classic paper in the area of medicinal chemistry published in the year 2006. It is one among the top 10 cited in 10 year period from all papers published in that year!

Karthikeyan, M.S., Prasad, D.J., Poojary, B., Bhat, K.S., Holla, B.S. and Kumari, N.S., 2006. Synthesis and biological activity of Schiff and Mannich bases bearing 2, 4-dichloro-5-fluorophenyl moiety. *Bioorganic & medicinal chemistry*, 14(22), pp.7482-7489.

Papers with > 100 citations: 7

Awards and Honours

Citation award from Elsevier (2009); Certified six sigma green belt; Patent award-GE India; CSIR-JRF-NET, Govt of India; 1st Rank-M.Sc. & 2nd Rank B.Sc. Degree examinations.

Featured researcher of MAHE (2021).

Experience

- Organic Chemistry, Materials Science and Spectroscopy.... Teaching & Research.
- Worked in the area of Organic synthesis as postdoctoral work at Taiwan.
- Expert question setter for competitive examinations.
- Advisor- Techno-commercial feasibility.

Subject Area

- Organic Chemistry; Materials Chemistry; Composites; New materials.
- Environment, Health & Safety.

Countries visited: Taiwan, Malaysia, Thailand & Mauritius.