

Prof. Badekai Ramachandra Bhat, Department of Chemistry, NITK, Surathkal-575025.

Dr. Badekai Ramachandra Bhat hails from Mangalore. He obtained his B.Sc. degree from St. Aloysius College, Mangaluru. M.Sc (Chemistry) and Ph.D degree from Mangalagangothri, Mangaluru Univeristy. After working for six years as Lecturer in Vivekananda College, Puttur he moved to National Institute of Technology Karnataka (NITK), Surathkal in the year 1998. Presently working as Professor (HAG) in the Department of Chemistry, NITK. He was a Visiting scientist at Korea Insititute of Energy Research, Republic of South Korea during 2003 to 2005. He was a Commonwealth Academic Fellow in 2015 at Northumbria University, New Castle Upon Tyne, United Kingdom. Prof. Bhat was a Visiting Professor in SMaRT center, University of New South Wales, Sydney, Australia.

Prof. Bhat's research interests are Carbon Nanostructures and its composites for hydrogen storage materials, Catalysts, super-capacitors, biosensors etc. Coordination Compounds and Organometallic Compounds as NLO materials and Homogenous/Heterogeneous Catalysis for organic transformations.

Prof. Bhat has published more than 175 scientific articles in reputed International journals. He has about 150 conference presentations too. He has guided 40 PG projects and many published articles are in top 10 hottest articles. He has 8 granted patents and 6 published patents. He has guided 22 Ph.D. students and 05 students are presently working. Prof. Bhat has delivered more than 40 invited talks. He has published two books and 10 book chapters. He has obtained research grant from DRDO, DST, AISTDF-SERB, MHRD and TEQIP. The article titled "Dengue detection: Advances and challenges in diagnostic technology" authored by Prof. Badekai Ramachandra Bhat has been recognized by Elsevier and linked to the United Nations Sustainable Development Goals ("SDG 3: Ensure healthy lives and promote well-being for all at all ages"), helping to tackle some of the world's greatest challenges. About 10 best paper presentations were obtained in various conferences. His *h* index is 36, *i10* index is 92 and citation is 4070.

Prof. Bhat has the following awards to his credit,

1. Brain Pool Fellowship from Republic of South Korea in the year 2003-2005
2. Commonwealth Academic Fellowship from United Kingdom in the year 2015
3. Prof. S. T. Nandibewoor Award-2019 from Indian Council of Chemists.

He has visited more than 25 foreign countries for research interaction and conferences. Prof. B. Ramachandra Bhat served as head of the department, Member of Board of Governors, Member of finance Committee, NITK, President, Secretary and Treasurer of Faculty Association of NITK and Presently Chairman, Institute Grievance Redressal Committee and many other administrative capacities. He was an NCC "C" Certificate holder and got direct commission to became officer. He was Associate NCC officer in NITK (2 Kar. Eng. Coy & 19 Bn) for ten years.
