Dr. K B Vijayakumar

M.Sc. Ph.D.

Designation: Professor of Physics

email: kbvijayakumar@yahoo.com

Research areas are Theoretical Particle/Nuclear Physics. Guided 6 Ph.D. students. More than 44 research papers have been published in the journals of repute. Completed / ongoing research projects are funded by DST, DAE-BRNS and UGC. Recipient of Commonwealth Research Fellowship for post doctoral studies in the United Kingdom (2000),TWAS-UNESCO associate (2003-2006),Visiting Scientist Institute of theoretical Physics,Juelich (2005) and Tubingen, Germany (2007-2010).

List of projects completed:

Sl. No	Title of the Project	Funding Agency	Period	Amount Sanctioned (In Lakhs)
1.	The electromagnetic polarizabilities of the baryons in quantum field theoretical approaches	DAE-BRNS,	2010-2013	11.25
2.	Heavy meson spectra and their radiative decays in the frame work of relativistic models	UGC	2011-2014	5.64
3.	Light Meson spectra in the frame work of chiral quark models with instanton induced interaction	DST	2007-2010	12.2
4.	Dynamical Symmetry Breaking and Effective Quark Mass	BRNS	2002-2006	7.38

Awards/Associateship:

Sl. No.	Details
1	1/6/2010 to 15/7/2010 DAAD Visiting scientist, Institute fur Theoretical Physics, University of Tubingen, Germany
2	June 2nd 2009 to July, 9th 2009, Visiting scientist, Institute fur Theoretical Physics, University of Tubingen, Germany
3	May 15th 2007 to July 15th 2007, Visiting scientist, Institute fur Theoretical Physics, University of Tubingen, Germany
4	May 6th 2006 to July 6th 2006, Visiting Professor (Under TWAS-UNESCO Associateship program), Institute of Theoretical Physics (ITP) Beijing, China
5	May 10th 2005 to July 9th 2005, Visiting Scientist, Institute Kern Physik, Juelich,Germany
6	May 1st 2004 to June 30th 2004, Visiting Professor (Under TWAS-UNESCO) Associateship program, Institute of Theoretical Physics (ITP) Beijing, China
7	Associate of Physical Research Laboratory, Ahmadabad, for one month from May28th 2003 to June 28th 2003.
8	Nov.1st 1998-October 31st 1999 (On leave from Mangalore University), Commonwealth Fellow, Manchester University U.K

Number of Ph.D students: 4

Number of PhD's awarded: 6

Publications in Journals: 44