

## Brief BIO-DATA



NAME: Dr. BLAISE LOBO

QUALIFICATION: M.Sc., Ph.D

DATE OF BIRTH: 22.05.1972

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DESIGNATION: ASSOCIATE PROFESSOR

PRESENT POSITION: HEAD OF THE DEPARTMENT OF PHYSICS, KARNATAK  
SCIENCE COLLEGE, DHARWAD.

Specialization in M.Sc: NUCLEAR PHYSICS

Ph.D & Post-Doctoral: Condensed Matter Physics, Materials Science &  
Application of Nuclear Techniques for the Study of  
condensed matter.

TEACHING: M.Sc (PHYSICS), B.Sc (PHYSICS & ELECTRONICS) & PUC (PHYSICS).  
ALSO, PROGRAM CO-ORDINATOR OF M.Sc (PHYSICS) COURSE.

RESEARCH: PRINCIPAL INVESTIGATOR OF A MAJOR RESEARCH PROJECT  
SANCTIONED BY THE UNIVERSITY GRANTS COMMISSION,  
GOVERNMENT OF INDIA (IN PROGRESS). Works on micro-structural,  
optical & electrical properties of polymeric materials. Presented  
several oral & poster research papers in national & international  
conferences & published a few research articles.

Recognized as Ph.D Guide for research students (by the Karnatak  
University, Dharwad).

Extra-Curricular: Was Chairman of Einstein Study Circle from 2004-2010;  
Chairman of Cricket (Gymkhana) 2009-11; Worked in various committees.

### Summary of positions held:

1. Research Scholar, University of Mysore 1994-1995.
2. UGC Junior Research Fellow; Mangalore University (1995-1998)
3. UGC Senior Research Fellow; Mangalore University (1998 - 1999)
4. Lecturer in Physics (& Electronics), Karnatak Science College, (KCD) Karnatak

- University, Dharwad : Department of Physics (1999-2003)
5. Senior Lecturer (Physics) at KCD; 2003-2008
  6. Selection Grade Lecturer (Physics) at KCD; 2008-2011 Re-designated Assistant Professor w.e.f January 2006
  7. Associate Professor w.e.f February 2011
  8. Head of the Department of Physics, Karnatak University's Karnatak Science College, Dharwad w.e.f 12th July 2011
  9. Principal Investigator of UGC Minor Research Project 2005-2008
  10. Principal Investigator of a UGC Major Research Project 2009 - 2013
  11. PG Program Co-ordinator [ M.Sc (Physics)] at KCD: 2011 (from inception)- present.

### **Specialties:**

1. Nuclear Physics; MSc (University of Mysore 1992-94)
2. Positron Annihilation Spectroscopy (Mysore & Mangalore Universities 1994-1995; 1995-1999)
3. Thermal Analysis (Mangalore & Karnatak University 1995 onwards)
4. Polymer Physics (Doped Polymers & Conducting Blends); Physical Characterization using electrical, optical and thermal methods.
5. Electronics (teaching, laboratory projects & development)

### **Earlier achievements/ details:**

Secured Second Rank in M.Sc (Physics) 1994; University of Mysore. Obtained National Merit Scholarship for pursuing MSc (Physics).

*Activities and Societies:* Studied for the post-graduate degree from 1992 to 1994 with specialization in Nuclear Physics; Joined Prof. Dr. S. Gopal for research in Polymers using Positron Annihilation Spectroscopy in September 1994 & continued there up to 1995, before joining Mangalore University for Ph.D work as UGC JRF/SRF.

Life Member, St. Philomena's Old Students (Alumni) Association. Worked as Ad-hoc Lecturer in Physics & Electronics for a few months in 1994 (at St. Philomena's College, Mysore), before taking up full time research work (JRF) at the University of Mysore

### **Membership of Professional bodies:**

- 1) Life member of Indian Nuclear Society, Mumbai.
- 2) Life member of Indian Association of Nuclear Chemists and Allied Scientists.