

PERSONAL INFORMATION	
Name:	Dr.D.BABA BASHA
Age:	37 yrs.
Religion:	Muslim
Nationality (current):	INDIAN
Marital Status:	Married
Educational Qualifications:	M.Sc ;B.Ed ; Ph.D
Your Department / Specialization:	Physics
Area of Research	Spectroscopic studies of certain cometary diatomic molecules.
Subjects Taught:	Engineering Physics, Solid state physics, lasers & optics, Applied physics, Atomic & molecular Physics.
Total Teaching Experience in years:	12 yrs.
Total number of Research Papers Published in National & International Journals	06
Number of students supervised for M.Phil Degree	03
Number of students supervising for Ph.D degree	04
Recognized me as a Research supervisor by the following Universities.	VISVESWARAYYA TECHNOLOGICAL UNIVERSITY, SRI KRISHNADEVARAYA UNIVERSITY, RAYALASEEMA UNIVERSITY, DRAVIDIAN UNIVERSITY, ALLAGAPPA UNIVERSITY.
Passport Number/Validity:	E5210124 / 14-05-2024
Languages Known:	English, Telugu , Hindi, Urdu
Permanent Address:	2 / 741, Modinabad, Guntakal-515801 Anantapur District, Andhra Pradesh. INDIA
E-mail Address :	<a href="mailto:dbababasha@yahoo.co.in">dbababasha@yahoo.co.in</a> , b.dudekula@mu.edu.sa
Phone number(s) Current / Permanent :	0504213078
Date of Appointment in the Present Institution :	25-09-2013

## **CURRICULUM VITAE**

**Dr.D. BABA BASHA**  
**Assistant Professor,**  
**Department of Physics, CC&IS**  
**Majamaah University,**  
**Al'Majmaah-11952**  
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### **Career Objective:**

Seeking a position to utilize my skills and abilities in the field of Teaching & Research in Physics that offers professional growth while being resourceful, innovative and flexible.

### **Personal Belief:**

- Attitude, Self Confidence, Sincerity and Hard working.

### **Academic Qualifications :( Full Time)**

- Doctor of Philosophy (Ph.D.) awarded in Physics in the year 2006 from Sri Krishnadevaraya University, Anantapur, Andhra Pradesh, INDIA.
- M.Sc. (Master of Science in PHYSICS) Passed in the year 2002 with first class (67.6 %) from Sri Krishnadevaraya University, Anantapur, Andhra Pradesh, INDIA.
- B.Ed. (Bachelor of education) Passed in the year 2000 with 63.6% of marks from Sri Krishnadevaraya University, Anantapur, Andhra Pradesh, INDIA.
- B.Sc. (Bachelor of Science with Mathematics, Physics, Electronics) Passed in the year 1997 with first class (63.8 %) from Sri Krishnadevaraya University, Anantapur, Andhra Pradesh, INDIA.
- Intermediate (M.P.C) Passed in the year 1994 from Board of Intermediate Education, Hyderabad, Andhra Pradesh, INDIA.
- S.S.C Passed in the year 1992 from Board of Secondary Education, Hyderabad, Andhra Pradesh, INDIA.

**Teaching Experience:**

- Currently working as an Assistant Professor from 25-09-2013 to till date in the department of Physics, College of Computer and Information Science, Majmaah University, Al'Majmaah, Kingdom of Saudi Arabia.
- Five and half years teaching experience as Assistant Professor & HOD from 28-02-2008 to 30-07-2013 in the Department of Physics, Khader Nawaz Sharief Institute of Technology., Bangalore, Karnataka, India.
- Two years of teaching experience as an Assistant Professor in Physics from 16-01-2006 to 12-12-2007 at Madanapalle Institute of Technology & Sciences, Madanapalle, Andhra Pradesh, India.
- Two years of teaching experience as a Lecturer in Physics from 06-10-2003 to 09-01-2006 at P.V.K.K. Post Graduate College, Anantapur, Andhra Pradesh, India.

**Theory Subjects Handled:**

- Engineering Physics.
- Solid state Physics.
- Applied Physics.
- Spectroscopy (or) Atomic and Molecular physics.

**Practicals Handled:**

- Engineering Physics Lab.
- Spectroscopy lab.
- General Physics Lab.

**Professional Qualifications:**

- Possess around Twelve years' experience in the field of education (both teaching and administration)
- Thorough understanding of the subject with ability to convey the same to the students
- Good communication and comprehension abilities
- Possess knowledge about the internal administrative tasks that are performed within institutions

**Professional Experience: K.N.S Institute of Technology, Bangalore (2008-Present)**  
**Assistant Professor**

- Conducted the subject lectures regularly, keeping an eye on the understanding of the students
- Carried out practical sessions with explanation about the purpose of the experiment and the procedures that follow to seek results
- Carried out debate sessions in regular classes to help students to understand the subject better
- Arranged expert meets for students on a periodic basis to create an interest about the subject
- Encouraged students to build committees among themselves
- Provided students with information outside the classroom such as the future prospects in the subject, the competitive exams, etc.

**Computer skills: Languages:** SQL

**Operating systems:** MS DOS, Windows98, NT, 2000, XP

**Packages:** MS office

**Research Experience:**

- Two years Research Experience as a project fellow in the ISRO Project entitled "Estimation of dissociation energy of diatomic molecules interest in Cometary studies" in the field of Spectroscopy
- Three years of research experience as a research scholar working for Ph.D. in the field of PHYSICS(Spectroscopy)

**Research Guidance:**

- Guided **three** students for their **M.Phil Degrees**.
- Currently **supervising four students for their Ph.D Degrees**.

**Area of Interest:**

- Teaching in the field of Engineering physics & Spectroscopy.

**International & National Seminars / Conferences/ Workshops/ Training Programmes Attended:**

- Fourth winter school on Indian MST RADAR conducted by National MST RADAR facility, Department of Space, Govt. of India, Gadanki.
- Multi – disciplinary National Seminar on "Atmospheric Sciences and Spectroscopic Techniques" During 29<sup>th</sup> and 30<sup>th</sup> July, 2003 conducted by ISRO, Dept. of Physics, Sri Krishnadevaraya University, Anantapur.
- National Seminar on "Atmospheric Science" during 24<sup>th</sup> and 25<sup>th</sup> Feb, 2006 conducted by ISRO, Dept. of Physics, Sri Krishnadevaraya University, Anantapur.
- One week summer school on "Advances in Engineering Physics" conducted by National Institute of Technology Karnataka during 6<sup>th</sup>-11<sup>th</sup> July 2009.
- National Seminar on "Advanced Applications in Engineering Physics and Technology" organized by Dept. of Physics, SJC Institute of Technology, Chickballapur Karnataka during 26<sup>th</sup> August 2009.
- Winter school on "NANOSCIENCE AND NANOTECHNOLOGY: RECENT TRENDS AND PERSPECTIVES" (NSNT – 2010) conducted by National Institute of Technology Karnataka during 22<sup>nd</sup>-27<sup>th</sup> Feb 2010.
- RETMAC 2010 - International Conference on Recent Trends in Materials and Characterization conducted by National Institute of Technology Karnataka during 14-15<sup>th</sup> FEB 2010.

## Resume

- Attended Workshop on Mission 10X Dale Carnegie Training on "**High Impact Teaching Skills**" has successfully completed on the 22<sup>nd</sup> & 23<sup>rd</sup> of March 2010 conducted by **Wipro**.
- Attended One day Workshop on 'Advanced Materials and their Applications' on 26<sup>th</sup> March 2011 at BMSIT, Bangalore.
- Attended National Seminar on "Nuclear Technology for Growth of the Nation NTGN-2011", during 22 August 2011 organized by department of physics RNS Institute of technology, Bangalore. And Indian Nuclear Society, Anushakthinagar, Mumbai.
- Attended National Seminar on "Environmental Pollution and its Impacts on Public Health and Agriculture" During 21<sup>st</sup> and 22<sup>nd</sup> Feb, 2012 conducted by A.P. Pollution Board, Kurnool. And Dept. of Physics, Sri Krishnadevaraya University, Anantapur.
- Attended the Science Academies Refresher Course in Experimental Physics-XXXVI held at the Indian Academy of Sciences in Bangalore from 6 to 21 March 2012.
- Attended National Conference on "Facing challenges on climate change: Earth and Atmospheric systems (FCCC-2012)" During 30<sup>th</sup> and 31<sup>st</sup> October, 2012 organized by Department of Physics, Sri Krishnadevaraya University, Anantapur.

## List of Publications:

- Spectroscopic Investigations on Cometary Molecules CO<sup>+</sup>, CH and CH<sup>+</sup>, JQSRT, May 2003.
- Estimation of potential energy curves, dissociation energies, Franck – Condon factors and r – Centroids of comet interesting molecules, Astrophysics and Space Science, 286, June 2003.
- Spectroscopic studies of molecules observed in comets. Indian Journal of Pure and Applied Physics, 43, April 2005.
- Spectroscopic studies of atmospheric interest on NO and NO<sup>+</sup>, JQSRT, April 2005.
- Seasonal variation of the surface ozone and its precursor gases during 2001-2003, measured at Anantapur (14.62.<sup>0</sup>), a semi – arid site in India, Atmospheric Research, 80 (2006) 151-164
- Spectroscopic studies of Interstellar Diatomic molecules AIO,AIH,AIC by RKR Method, ANUSANDHANA-Journal of Science, Engineering and Management, Vol-02, Issue-01, June 2013.

## Administrative Experience:

- Acted as **Deputy Chief Superiendent** for various **VTU & COMED-K** Examinations.
- Acted as Time table and Internal test coordinator.
- Involved in the preparation of "**MANDATORY DISCLOSURE**" for **VTU & AICTE**.
- Designed & Established Physics Laboratories in various Post graduate & Engg.Colleges.
- Experience in teaching and in conducting physics lab practical

**Faculty development Programme:**

Attended 36<sup>th</sup> Refresher course on "Experimental Physics" conducted by Indian Academy of Sciences at Bangalore from 6-21<sup>st</sup> March 2012.

**Membership in Professional bodies:**

Life Member of Indian Association of Physics Teachers Life Membership Number is 9614L5956.

Place: Al'Majmaah

(Dr. D.BABA BASHA)