

CURRICULAM VITAE

1. Name : Dr.M.Bhushana Reddy
2. Designation : Lecturer in Physics
3. Address : S.V.Degree College
Kadapa – 516 003, A.P.
4. Mobile No. : 9441323699
5. Email : drmbreddy66@gmail.com



6. Date of Birth : 02.06.1966

7. EDUCATIONAL QUALIFICATIONS DETAILS:

S. No	Degree	Subjects	School/ College	Board/ University	Year of passing	Class & Percentage
1	S.S.C	General	SSRR.Z.P.H School, Masapet	BSE, Hyderabad	1981	Second (57.7)
2	Inter	M.P.C	Govt. Jr. College, Rayachoty	BIE, Hyderabad	1983	First (65.0)
3	B.Sc.	M.P.S	S.V.Degree College, Kadapa	S.V. University	1986	Distinction(77.8)
4	M.Sc.	Physics	SVU College, Tirupati	S.V. University	1988	First (60.3)
5	M.Phil.	Physics	Distance Mode	M.S University	2003	First (69.0)
6	Ph.D	Physics	Rayalaseema University	Rayalaseema University	2015	NA

7. EMPLOYMENT DETAILS:

S.No	Name & address of Institute	Post held	From date	To date	Total period	Job Type
1	Govt.College for Men(A), Kadapa	Lecturer in Physics (SG)	9.9.2021	Till date	7 Months	Regular (UGC Scales)
2	S.V.Degree College, Kadapa	Lecturer in Physics (SG)	16.04.2009	09.09.2021	12y 5 Months	Regular (UGC Scales)
3	S.V.Degree College, Kadapa	Lecturer (Sr. Scale)	16.04.2004	15.04.2008	4y	Regular (UGC Scales)
4	S.V.Degree College, Kadapa	Lecturer	16.04.1999	15.04.2004	5y	Regular (UGC Scales)
5	S.V.Degree College, Kadapa	Lecturer	17.01.1997	16.04.1999	2y 3m	Regular (State Scales)

8) a. Teaching experience UG: 25Yrs

9) Research experience : 10 Yrs

10).Responsibilities/Positions Held/performing:

- Academic Adviser for Academic Audit to various colleges from 01.03.2014.
- Incharge, UG Courses
- Member IQAC Cell
- Member Purchasing Committee

Awards: A.P. State Level '**Best Teacher Award-2012**'

Papers Published in International Journals: List enclosed: PLEASE SEE ANNEXURE-I

Conferences Organized:

- Organized the “National Conference on Advances in Nanomaterials, Devices and Technologies” on 11-12 July 2009 at S.V.Degree College, Kadapa, A.P. as Co-Convener
- Organized Second “INSPIRE Internship Science Camp” from 10-15th December, 2016 at S.V.Degree College, Kadapa, A.P. as Co-Coordinator

Projects Completed:

Completed UGC-SERO, Hyderabad Sponsored Minor Research Project as Principal Investigator

Projects ongoing:

UGC-SERO, Hyderabad Sponsored Minor Research Project as Principal Investigator

Conferences/Seminars/Schools/Workshops

- *Participated and presented **Five papers** in National conference on Advances in Nanomaterials, Devices and Technologies organized by S.V.Degree College, Kadapa from 11-12th, July 2009.*
- *presented in UGC Sponsored “National Conference Materials for Energy Storage and Conversion” (NCMESC-2010) organized by Dept. of Physics, Sri Venkateswara University, Tirupati, India, January 23-24, 2010 and presented the following paper entitled*
 1. *Spectral analysis of Eu³⁺ and Tb³⁺ ions doped Zinc lead borotellurite glasses and*
 2. *Optical Characterization of RE³⁺ (Eu³⁺ and Tb³⁺): Zinc lithium bismuth borate glasses*
- *Participated and presented a paper in “International workshop and symposium on Synthesis and characterization of Glass/ Glass-Ceramics” organized by C-MET, Pune, India, July 7-10th, 2010.*

Title: Optical Characterization of Eu³⁺ & Tb³⁺ : TeO₂- B₂O₃- PBO- ZnO Glasses
- Participated & Presented a paper in “National Conference on Recent Advances in Material Science” organized by Dept. of Physics, Loyola Degree College, Pulivendula, India, 1st & 2nd November, 2014.
- Participated & Presented Two papers in one day “National seminar on Recent Trends in Material Science” organized by Dept. of Physics, S.V.Degree College, Kadapa, India, 1st & 2nd March, 2015.
- Participated & Presented a paper in “National seminar on Advances in Material Science & Nano Technology” organized by Dept. of Physics, SBVR Degree College, Badvel, India, 5th April, 2015
- Participated & Presented a paper in “National seminar on Advances in Materials Science” organized by Dept. of Electronics & Instrumentation, ANU, Guntur, India, 25-26th ,Nov, 2015
- Participated & Presented a paper in “National Conference on Luminescence and its Applications” organized by Dept. of Physics, RTM Nagpur University, Nagpur, India, 18-20th February, 2016.
- Participated & Presented a paper in “National Conference on ICT Empowered Teaching, Learning and Evaluation” organized by IQAC, SSBN Degree College(A), Anantapuram, India, 16-17th December, 2016.
- Participated & Presented a paper in “National seminar on Advance Trends in Material Science” organized by Dept. of Physics, GDC Men (A),Kadapa, India, 10th March, 2017.

Full Papers Published in International Conference Proceedings:

1. Optical Absorption and emission spectra of Cu^{2+} , Mn^{2+} and Ni^{2+} : Cadmium lead Boro Tellurite Glasses (2011)
2. Optical Absorption and NIR Emission spectral studies of Er^{3+} and Nd^{3+} : Zinc Lithium Bismuth Borate Glasses (2011)

Full Papers Published in National Conference Proceedings:

1. Emission Analysis of RE^{3+} (RE=Eu,Tb): $\text{CdO}-\text{Li}_2\text{O}-\text{B}_2\text{O}_3$ Glasses)
2. Effect of Global Warming on Climate Change and its Adaption (2011)

Conferences/Seminars/Schools/Workshops Attended:

- Participated in the UGC sponsored orientation programme from 19.04.1999 to 15.05.1999 conducted by Academic staff college, S.V.University, Tirupati
- Participated in the UGC Refresher Course in Chemical Physics from 22-09-2003 to 12-10-2003 conducted by Dept. of Physics, V.R. College, Nellore
- Participated in the UGC Refresher Course in Educational Technology from 12-11-2007 to 01-12-2007 conducted by Academic staff college, S.V.University, Tirupati
- Participated in the UGC Refresher Course in Information Technology from 22-02-2010 to 13-3-2010 conducted by Academic staff college, S.V.University, Tirupati
- Participated in the FDP from 05-1-2010 to 23-1-2010 conducted by APITCO, Hyd & DST, New Delhi.
- Participated in the UGC Refresher Course in Physics from 04-01-2011 to 06-1-2011 conducted by DRW College, GUDUR, AP
- Participated in the International workshop on "Frontiers of Atmospheric Physics and Technology" organized by Department of Physics, Yogi Vemana University, Kadapa, India, February, 20-22, 2008.
- Participated in the National Seminar on "Natural Resources and Natural Disasters" organized by Department of Physics, Yogi Vemana University, Kadapa, India, January, 19-20, 2009.
- Participated in the Meeting on "Laser Glass & Technology" organized by Department of Physics, S.V. University, Tirupati, India, January, 1-2, March, 2011.
- Participated in the DRC workshop on "*Human Values and Professional Ethics*" organized by SKR&SKR Govt.College for Women, Kadapa 25th January 2015.
- Participated in One day National Seminar on "*New Trends on Advanced Materials*" Dept. of Physics, Govt. College, Kadapa 27th February 2015.
- Participated in One day National Seminar on "Environmental Hazards, causes, controlling Measures" *New Trends on Advanced Materials*" Dept. of Physics, Govt. College, Kadapa 17th March 2015.
- Participated in "National workshop on Emerging Trends in Academics & Research YVU, Kadapa, India, 28th February & 1st March, 2017
- Participated in the one day seminar on "*Continuous Internal Assessment in Promoting Quality Education*" organized by Loyola Degree College, Pulivendula on 27th March 2017.
-

Signature of the Candidate

ANNEXURE-I

List of Publications

S. No	Title with Page No.	Journal	ISSN/ ISBN No.	Impact Factor/Peer reviewed if any	Date & Period
1	Synthesis and luminescence properties of $\text{Ca}_3\text{Ga}_2\text{Si}_3\text{O}_{12}:\text{RE}^{3+}$ (RE =Eu /Tb) powder phosphors, DOI 10.1002/bio.1295	Luminescence: The J.Bio. Chem.Lumin	ISSN 1522-7243	IF: 1.73	14.02.2011
2	Spectroscopic studies of RE^{3+} (RE= Eu, Tb, Sm & Dy): Lithium lead boro tellurite glasses,38,1-10	Ferroelectrics Letters Section	ISSN 1563-5228	IF: 0.27	2011
3	Optical analysis of Sm^{3+} and Dy^{3+} ions doped cadmium lead boro tellurite glasses,1-10	Radiation Effects and Defects in Solids	ISSN 1029-4953	IF: 0.66	2011
4	Sol-gel synthesis, structural and optical properties of rare earth ions (Sm^{3+} or Dy^{3+}) activated $\text{Ca}_3\text{Ga}_2\text{Si}_3\text{O}_{12}$ powder phosphors, 131,2503-2508	Journal of Luminescence	ISSN: 0022-2313	IF: 2.1	2011
5	Optical properties of Dy^{3+} ions doped $\text{B}_2\text{O}_3\text{-Bi}_2\text{O}_3\text{-ZnO-Li}_2\text{O}$ glasses, Vol-II No.2 (13-15)	Search and Research 2	ISSN 0975-5713	IF: 0.4	2011
6	Spectroscopic investigations of Sm^{3+} ions doped $\text{B}_2\text{O}_3\text{-Bi}_2\text{O}_3\text{-ZnO-Li}_2\text{O}$ glasses, 38, 40-50	Ferroelectrics Letters Section	ISSN 1563-5228	IF: 0.27	2011
7	Effect of concentration on the photoluminescence properties of Sm^{3+} & Dy^{3+} : Cadmium lithium boro tellurite glasses, Vol.12,1662-1666	Journal of Nanoscience and Nanotechnology	ISSN 1533-4880	IF: 1.56	2012
8	Spectroscopic investigations of Eu^{3+} & Tb^{3+} : cadmium lead boro tellurite glasses, Vol.38,77-84	Glass Physics and Chemistry	ISSN 1608-313x	IF: 0.5	2012
9	Optical absorption and NIR emission spectral studies of Er^{3+} and Nd^{3+} : Zinc lithium bismuth borate glasses DOI:10.1007/s12596-014-0189-6	Journal of Optics	ISSN 2040-8978	IF: 2.01	07.01.2014
10	Optical analysis of Cu^{2+} : $\text{CdO-Li}_2\text{O-B}_2\text{O}_3\text{-TeO}_2$ glass , Vol.5, 96-98	Int. journal of Engg. Research and Applications	ISSN 2248- 9622	IF: 0.5	Nov. 2015
11	Optical analysis of RE^{3+} (RE= Pr^{3+} , Er^{3+} and Nd^{3+}) : Cadmium Lead boro tellurite glasses,1-10 DOI:10.1002/bio.3096	Luminescence: The J.Bio. Chem.Lumin	ISSN 1522-7243	IF: 1.73	21.12.2015