BIO-DATA

1. NAME : Dr. Mrs.G.Krishna Bama
2. QUALIFICATION : M.Sc., B,Ed., PGDCA, Ph.D
3. DESIGNATION &DEPARTMENT : Associate Professor - PHYSICS
4. AGE & DATE OF BIRTH : 45 Yrs & 24-05-1973
5. SEX : FEMALE
6. PERMANENT ADDRESS : Flat No Q 2, "Park enclave"
   No1,Besant Road,Chokkikulam
   Madurai-625 002, Tamil Nadu, India

7.ADDRESS FOR COMMUNICATION: ; Flat No Q 2, "Park enclave"
No1,Besant Road,Chokkikulam
Madurai-625 002, Tamil Nadu, India

8.EDUCATIONAL QUALIFICATION :

S.NO	COURSES	SUBJECT	YEAR OF COMPLETION	INSTITUION
1.	B.Sc.	PHYSICS	1993	St Mary's college, Thoothukudi
2.	M.Sc	PHYSICS	1995	The American college, Madurai .
3	B.Ed.,	PHYSICAL SCIENCE	1998	Thiagarajar college of preceptors, Madurai .
4.	PGDCA	Computer Application.	1997	Madurai Kamaraj University, Madurai, Tamil Nadu,
5.	SLET EXAM	PHYSICS	1998	Bharadhidasan University, Trichy, Tamil Nadu
6.	Ph.D	PHYSICS	2010	Madurai Kamaraj University,

				Madurai, Tamil Nadu,

1. RESEARCH WORK/EXPERIENCE :

October 2005-April 2008 : FDP Research Fellow

Department of Theoretical Physics

School of Physics

Madurai Kamaraj University, Madurai

Research Supervisor

Prof. K. Ramachandran

Former chairperson & Head

Department of Theoretical Physics, School of Physics,

Madurai Kamaraj University, Madurai -625 021, Tamilnadu

2. RECOGNIZED RESEARCH GUIDE : NO

3. AREA OF SPECIALIZATION :

- Polymer composites
- Polymer blend

4. TEACHING EXPERIENCE :

S.NO	DESIGNATION	PLACE	DURATION	NO.OF YEARS
1.	Assistant Professor, Department of Physics	St Mary's college for womem,Thoothukudi (FIP substitute)	4.10.1999-30.08.2000	10 Months
2.	Associate Professor, Department of Physics	Sri Meenakshi govt. arts college for women, Madurai	31.08.2000-to till date	
Total Teaching Experience				20 years

5. ORIENTATION/REFRESHER COURSES/OTHER PROGRAMMES & TRAINING:

S.NO	NAME OF THE COURSE	PLACE	PERIOD
1.	Orientation programme	Madurai Kamaraj University, Madurai. .	21.01.2003 to17.02.2003
2.	Refresher course Recent Trends in physics	V.V.V College, Virudhunagar	13.12.2004-17.12.2004
3	Refresher course	Madurai Kamaraj University, Madurai.	3.11.2009-23.11.2009
4	Refresher course	Madurai Kamaraj University, Madurai.	10.11.2010-30.11.2010

6. INTERNATIONAL PUBLICATIONS:

S. No	**TITLE**	**Author**	**Journal**	**Volume & Year**
1.	A Photoacoustic Study on Trichloroethylene in Water,	G. Krishna Bama and K. Ramachandran	*NDT.net*,	12 (8) 1 (2007)
2.	A photoacoustic study on Dimethoxymethane,	G. Krishna Bama and K. Ramachandran.	*Thermophysical Properties of Materials And Device*,	1004 191 (2008)
3.	Structural and thermal properties of PVDF/PVA blends,	G. Krishna Bama, P. Indra Devi and K. Ramachandran,	*Journal of Materials Science*	44 1302 (2009)
4.	On the thermal properties of aqueous solution of D-mannitol,	G. Krishna Bama, R. Anitha, and K. Ramachandran,	*Nondestructive Testing and Evaluation*,	25, 67 (2010)
5	A Photoacoustic and ultrasonic	G. Krishna Bama and	*J. Engineering physics and*	83 193

	study on Jatropha oil,	K. Ramachandran.	*Thermo physics,*	(2010)
6.	Structural andThermal properties of PVA and Its composite with $CuCl_2$	G. Krishna Bama, **P. Indra Devi**, and K. Ramachandran	*American Institute of Physics,*	Conf.Proc.1 349,537-538

7.NATIONAL PUBLICATIONS:

S. No	**TITLE**	**Author**	**Journal**	**Volume & Year**
5.	A Photoacoustic study on Chromium (VI) in water,	G. Krishna Bama, S.K. Ramakrishnan and K. Ramachandran,	*The Environmental science,*	14, 3 (2006)

8.PAPER PRESENTED IN INTERNATIONAL & NATIONAL CONFERENCES /SEMINAR:

S No	**NAME OF THE CONFERENCE**	**TITLE**	**PLACE**	**PERIOD**
1.	National Symposium	On the concentration of Chromium (VI) in drinking water	University of Allahabad, Allahabad. Paper Accepted	1.11.06-3.11.2006
2.	11 thNational Seminar on crystal growth	A photoacoustic and ultrasonic study on Dimethoxymethane	SSN College of Engineering, Chennai. Paper Presented	7.12.2006 -9.12.2006
3.	52 ndDAE, Solid State Physics Symposium	A comparative Photoacoustic study on	University of Mysore.	27.12.2007-31.12.2007

		Diesel, Petrol and jatropha mixed with Dimethoxymethane	Mysore Paper Presented	
4.	National Symposium	A Photoacoustic study on Trichloroethylene in Water	KSR College of Engineering, Tiruchengode Paper Accepted	5.07.2007-7.07.2007
5.	National Symposium	Role of DMM as a fuel additive in disel by photoacoustics and ultrasonics	KSR College of Engineering, Tiruchengode Paper Accepted	5.07.2007-7.07.2007
6.	National Conference on thermo physical properties	A photoacoustic study on Dimethoxymethane	*Amritha* Viswa Vidya Peetham, Kollam Paper Presented	20.09.2007-22.09.2007
7.	National Conference	Effect of particle size on the optical, electrical and thermal properties of poly vinyl Alcohol	Sri Venkateswara University, Tirupathi. Paper Presented	20.02.2008-22.02.2008
8.	National Conference on Materials, Devices and Nanotechnology,	Effect of particle size on the optical, electrical and thermal properties of polyvinyl alcohol P. Indra Devi, G. Krishna Bama, and K. Ramachandran	Sri Venkateswara University, Tirupathi,	February 20-22 (2008)
9.	55 th DAE- Solid State Physics Symposium	Structural andThermal properties of PVA and Its composite with $CuCl_2$	Manipal university Manipal Paper Presented	26.12.2010-30.12.2010
10.	Fourth International conference on Recent advances in composite materials	Structural andThermal properties of PVDF and Its composite with $CuCl_2$	International centre ,Goa	18.2.2013.-21.2.2013
11.				

17. CONFERENCE/ SEMINOR/WORKSHOP ATTENTED :

S N0	NAME & LEVELOF THE PROGRAMME	PLACE	PERIOD
1.	State level seminar on Recent trends in condensed matter physics	Madurai Kamaraj Universirty, Madurai	15.02.2010-16.02.2010
2.	National Workshop and Conference on Monte Carlo Simulation-	Madurai Kamaraj Universirty, Madurai	9.8.2010 -13.8.2010
3.	Nationa level seminar on Research Issue in computer	SMGC	29.12.2011

	application		
4.	International Conference and Workshop on New materials and Devices for Photovoltaic Applications (ICWNMDP-2011)	School of Chemistry, Madurai Kamaraj University, Madurai	February 10-12 (2011)
5.	Hands on Training on "Phoenix expEYES Kit for college teachers	Inter university accelerator centre,UGC,New Delhi	28.05.2012-1.06.2012
6.	Lecture workshop on The pathway to Higgs boson	The American College, Madurai	28.8.2012 29.8.2012
7.	National level seminar on Current trends in crystal growth and solar energy	Department of physics SMGC	22.1.2013
8.	National seminar seminar on Eco Futuristic trends in chemistry	Department of chemistry SMGC	6.2.2013
9.	National level seminar on Recent development in physics	Government arts college Melur	30.01.2013 – 31.01.2013
10.	State level seminar on Eco conservation of Biodiversity for sustainable Development	Department of Botany SMGC	08.02.2013
11.	National level seminar on Atomic energy for socio economic development of the country	Madurai Kamaraj Universirty, Madurai	02.09.2013
12.	State level seminar on Recent Trend in solar technologies	The American College, Madurai	20.2.2014
13.	National Seminar on Recent Developments in Space Technology and Astrophysics	Sri Meenakshi Govt. College, Madurai	January 5, 2015
14.	UGC workshop-Solar energy based Photovoltaic power system-Assembly and Installation	Sri Meenakshi Govt. College, Madurai	January 8, 2015
15.	Workshop on PCB Design and Layout	Sri Meenakshi Govt. College, Madurai	January 6 & 7, 2015
16.	Quality Enhancement in Higher Educational Institutions	Sri Meenakshi Govt. College, Madurai	February 26, 2015
17.	International workshop-Advanced Materials Engineering	Thiyagarajar college of Engineering, Madurai	26, September 2016
18.	International conference Recent trends in Materials	Devanga Arts College, Aruppukottai Paper presented	22,23 January 2016
19.	National Conference on Achievements in Space Science & Astrophysics	Sri Meenakshi Govt. College, Madurai	January 20, 2017
20.	International Conference – Recent Trends in Materials Science and Applications	Sri Meenakshi Govt. College, Madurai Paper presented	January 6, 2017
21.	"opportunities and challenges in	Sri Meenakshi Govt.	04-09-2019

	the emerging spaces of higher education"	College, Madurai	

20. OTHER RESPONSIBIITIES HOLD IN SERVICE (CURRENT/ PREVIOUS):

S.NO	NAME OF THE SERVICE/COMMITEE	PLACE	PERIOD
1.	Discipline Committee	Sri Meenakshi Govt.Arts college for Women, Madurai	2000-2004
2.	Seating arrangements for all college functions	Sri Meenakshi Govt.Arts college for Women, Madurai	2001-2005
3.	AVE Incharge	Sri Meenakshi Govt.Arts college for Women, Madurai	2008-2012
4	UGC Autonomy Fund related work	Sri Meenakshi Govt.Arts college for Women, Madurai	2012-2015
5	PTA SECRETARY	Sri Meenakshi Govt.Arts college for Women, Madurai	2014-2017
6	Project committee member	Sri Meenakshi Govt.Arts college for Women, Madurai	2015-2019

21. OTHER RESPONSIBILITIES HOLD IN OTHER INSTITUTIONS:

S.NO	NAME OF THE SERVICES/COMMITEE	PLACE	PERIOD
1.	SC/ST Cell standing Committee member	Madurai Kamaraj Universirty, Madurai	2007-2010