

CURRICULUM VITAE

Vijaya V Shanbhag

Assistant professor Department of Physics
Government First Grade College
Vijayanagara, Bengaluru- 560104
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EDUCATIONAL QUALIFICATION:

Degree	Subject & Specialization	University & Year
MSc .	Physics(Nuclear Physics)	Karnataka University Dharwad - 2002
M.Phil	Physics(Material Science)	Annamalai University Tamilnadu

AREAS OF INTEREST:

Research: Material Science



Education: Teaching in innovative methods, Online Teaching



TEACHING EXPERIENCE: -18 YEARS

Position Held	Name of the Institute	Name of the University	Period (from -to)
Lecturer	Dr.AV.BALIGA COLLEGE Kumta	Karnataka University	2002-2004
Lecturer	Bangalore City College	Bangalore University	2004-2006

Lecturer	SRN ADARSHA COLLEGE	Bangalore University	2006-2007
Lecturer	Mahaveer Jain College	Bangalore	2007-2009 August
Assistant Professor	GFGC HALEBIDU	Mysuru University	2009 September 5th to October 5th
Assistant Professor	GFGC BIDADI	Bengaluru University	October 6 th 2009 to 23 rd July 2011
Assistant Professor	GFGC VIJAYANAGAR	Bengaluru University	23 rd July 2009 to Till Now

RESEARCH EXPERIENCE: -14 YEARS

RESEARCH PAPERS PUBLISHED

Category – III Research publications and Academic Contribution

Sl. No	Title of the Paper	Type of the Publication	Publisher and ISSN / ISBN No.
1	Topic -4-(4-Chlophenyl) –N-[(E)-4-(dimethyl amino) benzylidene] -1,3-thiazol-2-amine dated -13 July 2011	International Journal Acta Crystallographic section E	ISSN 1600-5368
2	Crystal and Molecular Structure of 2-(4-methoxybenzyl)-6-phenyl-5-thiocyanatoimidazo[2,1-b][1,3,4] thiadiazole-	International Journal IJSER	ISSN 2229-5518
3	Synthesis IR NMR studies of 5-(4-methoxybenzyl)-6-phenyl-5-thiocyanatoimidazo[2,1-b][1,3,4] thiadiazole	IJAST	ISSN2454-5031
4	Synthesis, characterization and Resistivity of Pervoskite Structure Compounds –La Mn.20 Cu0.20Co0.60(X=0.2 0.4 ----- 1).	International Journal IJAST	ISSN 2249-9954
5	Intermolecular interactions of some amino acids in aqueous 1,4-dioxane solution at 298.15 K	International journal of Chemical Science	ISSN 0976-0083

6	Impacts of core shell structure on structural and luminescence properties of CaTiO ₃ :Sm ³⁺ Li Nanoparticles for solid display applications	Material Research Express	ISSN – 2053-1591
7	Physics of waste management	College level	ISBN – 978-81-910657-9-4
8	Advances in Materials	International level	Conference proceeding
9	Luminescence and its applications	International level	Conference proceeding
10	Enhanced photoluminescence of SiO ₂ coated CaTiO ₃ :Dy ³⁺ ,Li ⁺ nanophosphors for white light emitting diode	Ceramics International	International peer reviewed Nov 2020
11	Photoluminescence properties of CaTiO ₃ :Ho ³⁺ nanophosphors for light emitting display applications	Materials Today: Proceedings	International peer reviewed In press

Paper Presentation

Sl. No	Title of Paper presented	Title of the conference / Seminar	Organized by	Level of Organization
1	Presented in one Day National Level Seminar on 'Vocationalization of Higher Education by Govt. First Grade College, Ramanagara held on 14-10-2015	Important steps to improve vocational education	Govt. First Grade College, Ramanagara	National Level
2	Presented in NCSER 2016 UGC Sponsored National Seminar Basaveshwara college Bengaluru held on 29/01/2016 and 30/01/2016	Basic Science education research challenges in the present generation at the tertiary level	Basaveshwara college Bengaluru	National Level
3	Presented in 2-Day National Level on Modern Materials and applications organized by Maharani Science College, held on 07 and 08 /01-2016	Modern Materials and applications	Maharani Science College, Bengaluru	National Level
4	Presented in Two Day National Level seminar on	Integration of Nano technology and Solar cell to	Govt. First Grade College,	National level

	'Environmental degradation and its effects on sustenance of life organized by IQAC, Govt. First Grade College, Vijayanagara, Bengaluru, held on 4 th and 5 th March-2016	solve environmental issues	Vijayanagara, Bengaluru	
5	Presented in the International Seminar at Thailand conducted by Regents International College, Bangkok	ICASE	Regents International College, Bangkok, Thailand	International level
6	Presented in the 1 day National seminar conference conducted by K.L.E College, Bangalore	ETMS	S.Nijalingappa College, Bangalore	National level
7	Presented in the International conference conducted by Govt. Arts College, Karwar 28-Feb-2019 to 01-March-2019	GGHE-2K19	Govt. Arts College, Karwar	International
8	Two days Inter-disciplinary international life culture & education today	Life culture & education today- Covid-19 effect in Karnataka	Mahatma Gandhi Education society, Prabhani, MS	International
9	Two days National Seminar	Online Conference-	Dr.A.V Baliga College,	National

	conducted by Dr.A.V Baliga College, Kumta on 1 st & 2 nd Aug 2020	Nano technology in Karnataka, Current status & Future prospective	Kumta, Uttar Kannada	
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(iii) Invited Lectures or Presentations for conferences / Symposia

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Sl. No	Title of Lecture / Academic Session	Title of the conference / Seminar	Organized by	Level
1	Synthesis and Luminescence Properties Li codoped nanophosphor	ICLA-2019	Ravishankar shukla University	International
2	Synthesis and Luminescence Properties Li codoped Tb nanophosphor	AMCES-2020	Dayananda Sagar college Bengaluru	International

Paper Presented in Bangalore University in IYCr Celebration Topic -4-(4-Chlophenyl) –N[(E)-4-(dimethyl amino) benzyl dine] -1,3-thiazol-2-amine

Presented Paper in national Level conference Conducted by Vijaya College Bangalore. Topic Crystal and Molecular Structure of 2-(4-methoxybenzyl)-6-phenyl-5-thiocyanatoimidazo[2,1b][1,3,4] thiadiazole

RESEARCH PROJECTS

Sl. No.	Title of the Research Project	Position in the project	Name of the Funding agency	Year	Completed/ Ongoing
1	Pervoskite	Completed	UGC	2016	Completed

E-CONTENT DEVELOPED:

SL No.	Title/Module of the e-content	Name of the YouTube/ channel	Date of launching and link
1	Grey code	Vijaya V Shanbhag	April 8 2020 https://youtu.be/sS2Ip2gKB1U
2	BCD -8421 CODE	Vijaya VShanbhag	April8 https://youtu.be/Z_62VKH1bN8
3	1's 2's compliment	Vijaya V Shanbhag	https://youtu.be/xkrXTO8up2g April 16 2020
4	Diffraction problems	Vijaya V Shanbhag	https://youtu.be/E11K_WTb0VY may 2 2020
5	Practical : wavelength of laser	Vijaya V Shanbhag	https://youtu.be/m1dMcFgtvcs may 12 ,2020
6	Practical: focal length of combination of lenses	Vijaya V Shanbhag	https://youtu.be/AvtgeXX5m-0 may 12 , 2020
7	Clausius claypron equation	Vijaya V Shanbhag	https://youtu.be/YHkMFFurEzg may 13, 2020
8	Material science	Vijaya V Shanbhag	https://youtu.be/XjJgjuufxJc July 6 ,. 2020
9	LDR EXPERIMENT	Vijaya V Shanbhag	https://youtu.be/6DmsHJl2VM4 November 9
10	Fermi energy of copper	Vijaya V Shanbhag	https://youtu.be/WnJbAmES7A November 20
11	CE amplifier	Vijaya V Shanbhag	https://youtu.be/2RApz6o4XOI November 21
12	Photo diode	Vijaya V Shanbhag	https://youtu.be/KZwODyIfcmQ November 26
13	Thermodynamics	Vijaya V Shanbhag	https://youtu.be/NVqA3hrlwRY November 28

14	LCR CIRCUIT	Vijaya V Shanbhag	https://youtu.be/XeNIfyh2pV4 December 1
15	Angle of Repose	Vijaya V Shanbhag	https://youtu.be/cFaI4pVmZLc December 3
16	Solar cell	Vijaya V Shanbhag	https://youtu.be/LFmuL3jEmNM December 6
18			
19			
20			

MEMBER OF BOARD OF STUDIES/ BOARD OF EXAMINERS:

MEMBERSHIP OF PROFESSIONAL BODIES:

Sl.No.	Name of the Society	Year of Membership	Membership details
1.	Luminescence Society	2017	
2.	IAPT		
3.	IPA		
4.	KRVP		

CONSULTANCY:

EXTENSION ACTIVITY: NSS ,NCC , RESEARCH

ANY OTHER ACHEIVEMENTS/ INFORMATION:

Connect me through: (Optional)

	: Vijaya Shanbhag - BeKind
	:
	:Vijaya V Shanbhag
	: Vijaya Shanbhag
	:



:Vijaya Shanbhag

Any other :

I affirm that the information given above is true and correct to the best of my knowledge.

Date :

signed by/-

Place : Bangalore

[NAME]