

Brief Bio-data of Dr. Blaise Lobo



1. Name: : Dr. Blaise Lobo
2. Designation: : Professor
3. Subject : Physics
4. Institution :Karnatak Science College,
Constituent College of
Karnatak University,
Dharwad (KUD)
5. Date of Birth: : 22nd May 1972
6. Date of Joining duty : 01st February 1999
7. Highest Academic Qualification: : Ph.D.
8. Rank in education career: : 2nd Rank in M.Sc.
(University of Mysore)
9. Seminar/conference /symposium/ workshops attended(No.): 22
10. Research projects **completed** / ongoing(No.): : 01 Major Research Project
and 01 Minor Research Project
Name of Funding agency: : UGC, Govt. of India
(Total amount Received from funding agency: Major Project: INR 9.5 lakhs
Minor Project: INR 0.50 lakh
11. **Research Guidance** under Ph.D./M. Phil. Programme(No.):
Working : 03
Awarded Ph.D. : **04**
Submitted Ph.D thesis :**01**
12. Publications of research articles in Journals(No.): : 50
13. Publications of research articles in Proceedings(No.) : 35
14. Presentation of research papers in Conferences(No.): : 17
15. Membership in Professional Bodies(No.): : 03

Research details

1. h- Index (career): : 13
 2. i10- index : 18
 3. Citations(career): : 564
 4. Research projects **completed** / ongoing(No.) : **02**

5. Details of Seminars/conferences /symposiums attended with paper presentation (by Dr. Blaise Lobo)...**2011 onwards:**

Sl. No	Title of the Article	Presenting Author	Programme Name	Organizer	Date	International / National
1.	Preparation of cobalt chloride doped PVA- PVP blend films and analysis of their optical spectra	Blaise Lobo	International Conference on Nanomaterials and Nanotechnology (ICNANO-2011)	University of Delhi, Delhi, India	December 18-21, 2011	International (within India)
2.	Experimental study of band-gap in pyrrole sorbed PVA-PVP films doped with ferric chloride	Blaise Lobo	International Conference on Research in Condensed Matter Physics (ICCMP-2012)	University of Madras, Chennai, India	October 01-03, 2012	International (within India)
3.	Electrical and optical properties of ferric doped PVA-PVP- PPy composite films	Blaise Lobo	57 th DAE Solid State Physics Symposium (DAE-SSPS 2012)	Indian Institute of Technology (IIT-Bombay), Mumbai, India	December 03-07, 2012	International (within India)
4.	Optical and electrical properties of cobalt chloride doped PVA-PVP blend	Blaise Lobo	58 th DAE Solid State Physics Symposium (DAE-SSPS 2013)	Thapar University, Patiala, Punjab, India	December 17-21, 2013	International (within India)
5.	Microstructural studies on cobalt chloride doped PVA – PVP blend	Blaise Lobo	International Conference on Materials & Characterization Techniques (ICMCT- 2014)	VIT University, Vellore, Tamil Nadu	March 10-12, 2014	International (within India)
6.	Computation of size of spherical and non-spherical voids in semi-crystalline polymeric materials	Blaise Lobo	11 th International Workshop on Positron and Positronium Chemistry (PPC11-2014)	BARC & IANCAS, Mumbai; SINP, Kolkatta IGCAR, Kalpakkam; organized at Cidade de	November 09-14, 2014	International (within India)

				Goa, Goa , India		
7.	Preparation and Spectroscopic Study of PVA/ PVP/ Lead Nitrate Composite Films	Blaise Lobo	International Conference on Direct Digital Manufacturing and Polymers (ICDDMP-2015)	Karnatak University, Dharwad, India	October 28-31, 2015	International (within India)
8.	Microstructure of Cadmium Chloride Doped PVA/PVP Blend Films	Blaise Lobo	International Conference on Advanced Materials and Applications (ICAMA-2016)	B.M.S. Engineering College, Bangalore, India	June 16-17, 2016	International (within India)
9.	Preparation and Experimental Investigations of the Spectroscopic, Thermal and Microstructural Properties of Polycarbonate Filled with Bismuth Oxychloride.	Blaise Lobo	International Conference on Physics of Materials & Nanotechnology (ICPN-2019)	Mangalore University, Mangalore, India	September 19-21, 2019	International (within India)
10.	AC and DC Electrical Studies on Cobalt Chloride Doped PVA – PVP Blend Films	Blaise Lobo	International Conference on Physics of Materials & Nanotechnology (ICPN-2019)	Mangalore University, Mangalore, India	September 19-21, 2019	International (within India)
11.	Experimental investigations on a bismuth compound filled polycarbonate composite material	Blaise Lobo	International Conference on Advanced Materials and Technology (ICMAT-2020)	JCE, JSS Science and Technology University, Mysore	January 16-18, 2020	International (within India)
12.	In situ formation of silver nanoparticles in polyvinyl alcohol and the effect of UV-C irradiation on the electrical conductivity and optical spectra of this hybrid material	Blaise Lobo	4 th International Conference on Soft Materials (ICSM-2020)	Malaviya Institute of Technology , Jaipur	December 13 - 18, 2020	International (within India)
13.	Preparation and humidity sensing behavior of cadmium zinc ferrite nanocomposite	Blaise Lobo	International Conference on Advances in Smart Sensors, Signal Processing and Communication	Dept. of Electronics, Goa University, Goa	March 19 – 20, 2021	International (within India)

			Technology (ICASSCT-2021)			
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6. Details of Major Research project **completed** / ongoing(No.):**ONE (01) UGC Major Research Project completed..Details follow**

Sl. No	Name of P.I	Title of project	Funding Agency	Year	Amt. Sanctioned	Completed/ongoing
01	Dr. Blaise Lobo	EXPERIMENTAL INVESTIGATION OF ELECTRICAL AND OPTICAL PROPERTIES OF CONDUCTING POLYMERIC BLENDS. F.38-103/2009 dated 19-12-2010	UGC, Govt. of India	Feb. 2010- July 2013	Rs.8,73,861 (Revised: Rs 9.5 lakhs)	Ongoing in 2011 and 2012 ----- Completed in 2013

7. Research Guidance under **Ph.D./M. Phil. Programme**(No.): 08 (4 awarded + 01 submitted + 3 working)

Sl. No	Name of the Scholar	Title of the Thesis/ Proposed work for Ph.D degree	Name of University	Course	Month and Year	Status
1	Basavarajeshwari. M. Baraker	Experimental investigation on the microstructure, optical and electrical properties of doped polymeric blends	Karnatak University	Ph.D	December 2013	Awarded Ph.D. April 2018
2	Preeti. B. Hammannavar	Experimental Study of Polymeric Composites using Nuclear Techniques and Complementary Methods	Karnatak University	Ph.D	December 2013	Awarded Ph.D. March 2019

3.	Veena. G	Experimental investigation of the physical properties of nanostructured polymeric materials	Karnatak University	Ph.D .	March 2015	Awarded Ph.D. July 2022
4.	Shruti. S. Devangamath	Experimental Study of Microstructure and Physical Properties of Hybrid Materials	Karnatak University	Ph.D .	March 2015	Awarded Ph.D. November 2022
5.	Rajeshwari. Mirji	Experimental investigation of the microstructure of conducting polymeric blends using nuclear techniques and complement methods	Karnatak University	Ph.D .	March 2015	Submitted Ph.D thesis to KUD January 2023
6.	Vijayashri. K	Studies on organic and inorganic materials using positron annihilation spectroscopy and external bremsstrahlung	Karnatak University	Ph.D .	July 2016	Working (Part-time). Writing thesis
7.	Manjappa C	Experimental and Computational Study of Radiation Shielding Materials	Karnatak University	Ph.D .	March 2019	Working (Full time)
8.	Akkamma M B	Experimental study of some polymeric composites with suitable additives	Karnatak University	Ph.D	May 2019	Working (Full time)

8. Details of publications (of research articles) in **Journals from 2011 onwards**

YEAR (No. Of Publications)		Publishers	ISSN	I F	Comment
2011 (01 article)					
01	Preparation and thermal analysis of ferric doped PVA-PVP-PPy composite films R. V. Patil, M. R. Ranganath, and Blaise Lobo <i>AIP Conf. Proc.</i> 1393 , 371, 2011	American Institute of Physics (AIP), USA.	ISSN: 0094-243X E-ISSN: 1551-7616	-	Corresponding Author Of refereed (peer Reviewed) paper in UGC CARE list of Approved journals
2013 (01article)					

02	Electrical and Optical properties of ferric doped PVA-PVP-PPy composite films R. V. Patil, M. R. Ranganath, and Blaise Lobo <i>AIP Conf. Proc.</i> 1512 , 578, 2013	American Institute of Physics (AIP), USA.	ISSN: 0094-243X E-ISSN: 1551-7616	-	Corresponding Author Of refereed (peer Reviewed) paper in UGC CARE list of Approved journals
2014 (04 articles)					
03	Trapping of positrons, DBAR lineshape parameters and calculation of free volume hole size in polymeric materials using PALS data I.Priyanka, J. K. Asha, P.B. Hammannavar, M. Arati, B. M. Baraker, V. Ravindrachary and Blaise Lobo <i>International Journal of ChemTech Research</i> 6 (3), 1847-1849, 2014 Available from: http://sphinxesai.com/2014/vol6pt3/ch10.htm	Sphinx Knowledge House, India	ISSN: 0974-4290	-	Corresponding Author Of refereed (peer Reviewed) paper
04	Optical and electrical properties of cobalt chloride doped polyvinylalcohol polyvinylpyrrolidone blend R. V. Patil, M. R. Ranganath, and Blaise Lobo <i>AIP Conf. Proc.</i> 1591 (1), 183-185, 2014	American Institute of Physics (AIP), USA.	ISSN: 0094-243X E-ISSN: 1551-7616	-	Corresponding Author Of refereed (peer Reviewed) paper in UGC CARE list of Approved journals
05	Microstructural studies on cobalt chloride doped PVA-PVP blend R. V. Patil, M. R. Ranganath, and Blaise Lobo <i>International Journal of ChemTech Research</i> 6 (3), 1852-1854, 2014	Sphinx Knowledge House, India	ISSN: 0974-4290	-	Corresponding Author Of refereed (peer Reviewed) paper
06	Inhibition and quenching of positronium in polymeric materials P. B. Hammannavar, M.Y. Hurkadli, C. B. Hundekar, V. Ravindrachary, and Blaise Lobo <i>International Journal of ChemTech Research</i> 6 (3) 1867-	Sphinx Knowledge House, India	ISSN: 0974-4290	-	Corresponding Author Of refereed (peer Reviewed) paper

	1869, 2014 Available from: http://sphinxσαι.com/2014/vol6pt3/10/(1867-1869)ICMCT14.pdf				
2015 (04 articles)					
07	DBS investigation on films of cobalt chloride doped PVA-PVP blend P.B. Hammannavar, B. M. Baraker, R. F. Bhajantri, V Ravindrachary, and Blaise Lobo <i>Journal of Physics Conf. Ser.</i> 618 , 012034, 2015 http:// dx.doi.org/10.1088/1742-6596/618/1/012034	Institute of Physics (IOP) Publishing, UK http://iopscienc.e.iop.org	Online ISSN: 1742-6596 Print ISSN: 1742-6588	-	Corresponding Author Of refereed (peer Reviewed) paper International/ Scopus Listed journal
08	DBAR investigation on films of polypyrrole incorporated polyvinylalcohol doped with ferric chloride. Blaise Lobo , B. M. Baraker, P.B. Hammannavar, R. F. Bhajantri, M. R. Ranganath, M. Hurkadli, and V. Ravindrachary. <i>Journal of Physics Conf. Ser.</i> 618 , 012026, 2015 http:// dx.doi.org/10.1088/1742-6596/618/1/012026	IOP Publishing, UK http://iopscienc.e.iop.org	Online ISSN: 1742-6596 Print ISSN: 1742-6588	-	Corresponding Author of refereed (peer Reviewed) paper International/ Scopus Listed journal
09	PLT and DBAR investigations on MPDMAPP doped PVA/PVP blend. R. F. Bhajantri, V. Ravindrachary, Blaise Lobo , P. K. Pujari, S. G. Rathod, J. Naik, V. Hebbar, Chandrappa. H. <i>Journal of Physics Conf. Ser.</i> 618 , 012030, 2015 http:// dx.doi.org/10.1088/1742-6596/618/1/012030	IOP Publishing, UK http://iopscienc.e.iop.org	Online ISSN: 1742-6596 Print ISSN: 1742-6588	-	Author of refereed (peer Reviewed) paper International/ Scopus Listed journal
10	Optical, electrical, thermal properties of cadmium chloride doped PVA-PVP blend B. M. Baraker, P. B. Hammannavar, and Blaise Lobo <i>AIP Conf. Proc.</i> 1665 , 070037, 2015. http://dx.doi.org/10.1063/1.4917901	American Institute of Physics (AIP), USA	ISSN: 0094-243X	-	Corresponding Author Of refereed (peer Reviewed) paper in UGC CARE list of Approved journals
2016 (2 articles)					
11	Experimental study of PVA – PVP blend films doped with cadmium	CSIR-NISCAIR http://op.niscair	ISSN:0975-1041		

	chloride monohydrate Basavarajeshwari M Baraker and Blaise Lobo <i>Indian Journal of Pure and Applied Physics (IJPAP)</i> 54 (10), 634-640, 2016. Available from: http://nopr.niscair.res.in/handle/123456789/35893 October 2016	res.in CODEN: IJOPAU	(Online); 0019-5596 (Print)	0. 9 2 3	IF = 0.923 Corresponding Author Of refereed (peer Reviewed) paper in UGC CARE list of Approved journals
12	Ionic conductivity and free volume related microstructural properties of LiClO ₄ / PVA/ NaAlg polymer composites: Positron annihilation spectroscopic studies T Sheela, Rajashekar Bhajantri, P.M. G. Nambissan, V Ravindrachary, Blaise Lobo , Jagadish Naik and Sunil G Rathod <i>Journal of Non-Crystalline Solids</i> 454 , 19-30, 2016 http://dx.doi.org/10.1016/j.jnoncrysol.2016.10.010 December 2016	ELSEVIER IF = 2.6	ISSN: 0022-3093	2. 6	IF = 2.6 Author of refereed (peer Reviewed) paper International/ Scopus Listed journal
2017 (7 articles)					
13	Computation of the mass attenuation coefficient of polymeric materials at specific gamma photon energies Rajeshwari Mirji and Blaise Lobo <i>Radiation Physics and Chemistry</i> 135C , 32-44, 2017 http://dx.doi.org/10.1016/j.radphyschem.2017.03.001 01 March 2017 (Online); June 2017 (Print)	ELSEVIER IF = 2.858	0969-806X	2. 8 5 8	IF = 2.858 Corresponding Author of refereed (peer Reviewed) paper International/ Scopus Listed journal
14	Spectroscopic analysis of CdCl ₂ doped PVA-PVP blend films Basavarajeshwari M Baraker and Blaise Lobo <i>Canadian Journal of Physics</i> 95 (8), 738- 747, 2017. http://dx.doi.org/10.1139/cjp-2016-0848 31st March 2017 (Online); 1 st August 2017 (Print)	NRCResearch Press (Canada) IF = 1.358	0008-4204	1. 3 5 8	IF = 1.358 Corresponding Author of refereed (peer Reviewed) paper International/ Scopus Listed journal
15	Dispersion parameters of cadmium chloride doped PVA-PVP blend films Basavarajeshwari M Baraker and Blaise Lobo <i>Journal of Polymer Research</i> 24 (5), 84 : 1-10, 2017.	Springer-Netherlands IF = 3.097	1022-9760 Print 1572-8935 Online	3. 0 9 7	IF = 3.097 Corresponding Author of refereed (peer Reviewed) paper

	http://dx.doi.org/10.1007/s10965-017-1242-3 April 2017				International/ Scopus Listed journal
16	Analysis of electrical measurements on cadmium chloride doped PVA-PVP blend Basavarajeshwari M Baraker and Blaise Lobo <i>Mapana: Journal of Sciences</i> 16 (1), 45-65, 2017. https://dx.doi.org/10.12723/mjs.40.4 ; Available from: http://journals.christuniversity.in/index.php/mapana/article/view/1479 1 st January 2017; Published in September 2017 (Online and Print)	Publications division, Christ University, Bengaluru	0975-3303		Corresponding Author Of refereed (peer Reviewed) paper
17.	Study of lead nitrate doped PVA/PVP blend films using EDXRF and complementary techniques Preeti B. Hammannavar and Blaise Lobo <i>Macromolecular Symposia</i> 376 (1), 1600198, 2017 http://dx.doi.org/10.1002/masy.201600198 Published Online: 18th December 2017	Wiley - VCH	1521-3900		Corresponding Author Of refereed (peer Reviewed) paper International/ Scopus Listed journal
18.	Investigation of high Z components doped in polymeric films, using 2 π configuration x-ray fluorescence technique Preeti B. Hammannavar and Blaise Lobo <i>Macromolecular Symposia</i> 376 (1), 1600212, 2017 http://dx.doi.org/10.1002/masy.201600212 Published Online: 18th December 2017	Wiley - VCH	1521-3900		Corresponding Author Of refereed (peer Reviewed) paper International/ Scopus Listed journal
19.	Optical and Micro structural Studies on films of Pb (NO ₃) ₂ filled PVA-PVP composite Preeti B. Hammannavar and Blaise Lobo <i>IOSR Journal of Applied Physics (IOSR-JAP)</i> 9 (6) Ver. IV, 13-25, 2017 http://dx.doi.org/10.9790/4861-0906041325	International Organization of Scientific Research	e-ISSN: 2278-4861		Corresponding Author of refereed (peer Reviewed) paper

	Published Online: 30th December 2017				
2018 (11 articles)					
20.	<p>Spectroscopic studies on films of lead nitrate doped polyvinyl alcohol – polyvinyl pyrrolidone blend Preeti B. Hammannavar and Blaise Lobo <i>Materials Science Research India (Mater. Sci. Res. India): An international peer –reviewed journal</i> 15 (1); June 2018 Available from: http://www.materialsciencejournal.org/?p=6787 Published online on 31st January 2018</p>	Osaw Intl. Research Publications	<p>Print ISSN: 0973-3469;</p> <p>Online ISSN: 2394-0565</p>		Corresponding Author of refereed (peer Reviewed) paper
21.	<p>UV irradiation induced microstructural changes in CdCl₂ doped PVA–PVP blend Basavarajeshwari M Baraker and Blaise Lobo <i>Journal of Materials Science: Materials in Electronics</i>29(5), 4106 – 4121, 2018 https://doi.org/10.1007/s10854-017-8355-7 Published (Online): 04th December 2017; Published (Print) : 01st March 2018</p>	Springer – USA IF = 2.478	<p>Online 1573-482X</p> <p>Print ISSN: 0957-4522</p>	2.478	<p>IF = 2.478</p> <p>Corresponding Author of refereed (peer Reviewed) paper</p> <p>International/ Scopus Listed journal</p>
22.	<p>Microstructure of cadmium chloride doped PVA/PVP blend films Basavarajeshwari M. Baraker and Blaise Lobo <i>Materials Today: Proceedings</i> 5 (1P3) 3086-3093, 2018 http://dx.doi.org/10.1016/j.matpr.2018.01.104</p>	ELSEVIER	2214-7853		<p>Corresponding Author Of refereed (peer Reviewed) paper</p> <p>International/ Scopus Listed journal</p>
23.	<p>Experimental study of the microstructure and optical properties of PVA – PVP blend filled with lead nitrate Preeti B. Hammannavar and Blaise Lobo <i>Materials Today: Proceedings</i> 5 (1P3) 2697-2704, 2018 http://dx.doi.org/10.1016/j.matpr.2018.01.048</p>	ELSEVIER	2214-7853		<p>Corresponding Author Of refereed (peer Reviewed) paper</p> <p>International/ Scopus Listed journal</p>
24.	Conductivity Measurements on	AIP	0094243		

	<p>CdCl₂ Doped PVA Solid Polymeric Electrolyte for Battery Application Basavarajeshwari M Baraker and Blaise Lobo <i>AIP Conference Proceedings</i>1942, 0700009 [1-4], 2018, http://dx.doi.org/10.1063/1.5028807 April 2018</p>	<p>American Center for Physics , College Park, MD, USA</p>	<p>X e-ISSN: 15517616</p>		<p>Corresponding Author Of refereed (peer Reviewed) paper</p> <p>International/ Scopus Listed journal</p>
25.	<p>Experimental Investigations on Potassium Permanganate Doped Polyvinyl alcohol - Polyvinyl pyrrolidone Blend G. Veena and Blaise Lobo <i>AIP Conference Proceedings</i>1942, 140033 [1-4], 2018, http://dx.doi.org/10.1063/1.5029164</p>	<p>AIP American Center for Physics , College Park, MD, USA</p>	<p>0094243 X e-ISSN: 15517616</p>	—	<p>Corresponding Author Of refereed (peer Reviewed) paper</p> <p>International/ Scopus Listed journal</p>
26.	<p>Optical, Structural and Thermal Properties of Bismuth Nitrate Doped Polycarbonate Composite Rajeshwari Mirji and Blaise Lobo <i>AIP Conference Proceedings</i>1942, 0700019 [1-4], 2018. http://dx.doi.org/10.1063/1.5028817</p>	<p>AIP American Center for Physics , College Park, MD, USA</p>	<p>0094243 X e-ISSN: 15517616</p>	—	<p>Corresponding Author Of refereed (peer Reviewed) paper</p> <p>International/ Scopus Listed journal</p>
27.	<p>Multistage thermal decomposition in films of cadmium chloride-doped PVA-PVP polymeric blend Basavarajeshwari M. Baraker and Blaise Lobo <i>Journal of Thermal Analysis and Calorimetry</i> 134 (2), 865-878, 2018 https://doi.org/10.1007/s10973-018-7289-5</p>	<p>Springer; Akadémiai Kiadó, Budapest, Hungary IF = 4.626</p>	<p>1388-6150 (Print); 1588-2926 (online)</p>	<p>4.6 26</p>	<p>IF = 4.626</p> <p>Corresponding Author of refereed (peer Reviewed) paper</p> <p>International/ Scopus Listed journal</p>
28.	<p>Mechanical and dynamic mechanical studies on epoxy cobaltous sulfate polymer hybrids Shruti S. Devangamath, Blaise Lobo, Saraswati P. Masti and S. Narasagoudr <i>Fibers and Polymers</i> 19(7), 1490-1499, 2018 https://doi.org/10.1007/s12221-018-8031-4</p>	<p>Springer; The Korean Fibre Society IF = 2.153</p>	<p>1229-9197 (Print); 1875-0052 (Online)</p>	<p>2.153 53</p>	<p>IF = 4.626</p> <p>Corresponding Author of refereed (peer Reviewed) paper</p> <p>International/ Scopus Listed journal</p>
29.	<p>Optical, thermal and microstructural studies of epoxy –</p>	<p>Taylor & Francis</p>	<p>1023-666X</p>	<p>2.5</p>	

	CoSO ₄ hybrid material Shruti S. Devangamath and Blaise Lobo <i>International Journal of Polymer Analysis and Characterization</i> 23 (6), 517-528, 2018 https://doi.org/10.1080/1023666x,2018.1498998	IF=2.583	(Print); 1563-5341 (Online)	8 3	IF = 2.583 Corresponding Author of refereed (peer Reviewed) paper International/ Scopus Listed journal
30.	AC and DC electrical transport properties of potassium permanganate doped PVA-PVP solid polymer electrolyte G. Veena and Blaise Lobo <i>Materials Research Express</i> , 6(3), 035315, 2018 https://doi.org/10.1088/2053-1591/aaf7ac	Institute of Physics (IOP), UK IOP Science www.iopscience.org/mrx IF = 2.025	2053-1591 (Online) doi:10.1088/issn.2053.1591	2. 0 2 5	IF = 2.025 Corresponding Author of refereed (peer Reviewed) paper International/ Scopus Listed journal
2019 (5 articles)					
31.	Dielectric relaxation in cadmium chloride doped polymeric blend Basavarajeshwari M. Baraker and Blaise Lobo <i>Bulletin of Materials Science</i> 42 (1), 18, 2019 https://doi.org/10.1007/s12034-018-1690-3	Springer; Indian Academy of Sciences IF = 1.783	0250-4707 (Print); 0973-7669 (Online)	1. 7 8 3	IF = 1.783 Corresponding Author of refereed (peer Reviewed) paper International/ Scopus Listed journal
32	Positron annihilation studies of free volume changes accompanying the incorporation of lead nitrate in PVA – PVP polymeric blend Preeti B. Hammannavar, Blaise Lobo and P.M. G. Nambissan <i>Radiation Physics and Chemistry</i> 158 , 53-60, 2019 http://doi.org/10.1016/j.radphyschem.2019.02.001	Elsevier B V IF = 2.858	0969-806X	2. 8 5 8	IF = 2.858 Corresponding Author of refereed (peer Reviewed) paper International/ Scopus Listed journal
33	Structural, optical and electrical studies on hybrid material of in situ formed silver sulfide in polymer blend matrix Shruti S. Devangamath and Blaise Lobo <i>Journal of Inorganic and Organometallic Polymers and Materials</i> 29 , 1466–1475 (2019) <i>J. Inorg. Organomet. Polym.</i> 29 (5) 1466-1475, 2019 https://doi.org/10.1007/s10904-	Springer, US IF = 3.543	1574-1451 (Online) 1574-1443 (Print)	3. 5 4 3	IF = 3.543 Corresponding Author of refereed (peer Reviewed) paper International/ Scopus Listed journal

	019-01110-6				
34	Dispersive parameters of oxidized PVA-PVP blend films. Goputta Veena and Blaise Lobo <i>Turkish Journal of Physics</i> <i>Turk. J. Phys.</i> 43 , 337-354, 2019 https://doi.org/fiz-1808-21	Scientific and Technological Research Council, Turkey IF = 0.692	E-ISSN: 1303-6122 ISSN: 1300-0101	0.692	IF = 0.923 Corresponding Author Of refereed (peer Reviewed) paper
35	Optical parameters of Epoxy - CoSO ₄ .7H ₂ O polymer hybrid material. Shruti S. Devangamath and Blaise Lobo <i>Materials Research Innovations</i> 24 (3), 152 – 160, 2020 (Accepted on 10 th May 2019); Online from 22 May 2019 (Published) Volume 24, Pages 152-160 , 2020 - Issue 3 http://doi.org/10.1080/14328917.2019.1619272 https://www.tandfonline.com/doi/full/10.1080/14328917.2019.1619272	Taylor and Francis	1433-075X 1432-8917	—	Corresponding Author Of refereed (peer Reviewed) paper International journal/ Scopus
2020					
36.	Thermal, mechanical and AC electrical studies of PVA-PEG-Ag ₂ S polymer hybrid material Shruti S. Devangamath, Blaise Lobo , Saraswati P. Masti and Shivayogi Narasgondar <i>Journal of Materials Science: Materials in Electronics</i> 31 (4), 2904-2917, 2020 DOI: 10.1007/s10854-019-02835-3	Springer – USA IF = 2.478	Online 1573-482X Print ISSN: 0957-4522	2.478	IF = 2.478 Corresponding Author of refereed (peer Reviewed) paper International/ Scopus Listed journal
37	Study of polycarbonate - bismuth nitrate composites for shielding against gamma radiation Rajeshwari Mirji and Blaise Lobo <i>Journal of Radioanalytical and Nuclear Chemistry</i> 324 (1) 7-19, 2020. DOI: 10.1007/s1097-020-07038-3	Akadémiai Kiadó, Budapest, Hungary IF = 1.373	E- ISSN: 1588-2780 Print ISSN: 0236-5731	1.373	IF = 1.373 Corresponding Author of refereed (peer Reviewed) paper International/ Scopus Listed journal
38.	Preparation and Experimental Investigations of the	AIP American Center for	0094243 X e-ISSN:	—	

	Spectroscopic, Thermal and Microstructural Properties of Polycarbonate Filled with Bismuth Oxychloride. <i>AIP Conf. Proc.</i> 2244 , 080010(p-1 to 4), 2020 DOI: 10.1063/5.0009038	Physics , College Park, MD, USA	15517616		Corresponding Author Of refereed (peer Reviewed) paper in UGC CARE list of Approved journals
39.	AC and DC Electrical Studies on Cobalt Chloride Doped PVA – PVP Blend Films <i>AIP Conf. Proc.</i> 2244 , 080015(p-1 to 4), 2020 DOI: 10.1063/5.0009039	AIP American Center for Physics , College Park, MD, USA	0094243 X e-ISSN: 15517616		Corresponding Author Of refereed (peer Reviewed) paper in UGC CARE list of Approved journals
2021					
40.	Linear and non-linear optical parameters of polycarbonate reinforced inorganic bismuth nitrate pentahydrate salt composite <i>Optical Materials</i> 113 , 110862 (p 1-11), 2021 DOI: 10.1016/j.optmat.2021.110862	Elsevier B. V IF =3.08	0925-3467	3.08	IF = 3.08 Corresponding Author of refereed (peer Reviewed) paper International/ Scopus Listed journal
41.	Preparation and humidity sensing behavior of cadmium - zinc ferrite nanocomposite <i>Journal of Physics: Conference Series</i> 1921 , 012119 (2021) DOI: 10.1088/1742-6596/1921/1/012119	IOP (Institute of Physics) Publishing, United Kingdom	Online ISSN: 1742-6596 Print ISSN: 1742-6588		Corresponding Author Of refereed (peer Reviewed) paper in International/ Scopus listed journal
42.	Microstructural features, spectroscopic study and thermal analysis of potassium permanganate filled PVA-PVP blend films <i>Journal of Physics: Condensed Matter</i> 33 (25),255101 (2021) DOI: 10.1088/1361-648X/abf785	IOP (Institute of Physics) Publishing, United Kingdom IF = 2.745	1361-648X	2.745	IF = 3.08 Corresponding Author of refereed (peer Reviewed) paper International/ Scopus Listed journal
43.	Experimental investigations on nanotitania incorporated polyvinyl alcohol - polyvinyl pyrrolidone composite films <i>Polymer - Plastics Technology and Materials</i> 60 (15), 1697-1717 (2021) DOI: 10.1080/25740881.2021.1930045	Taylor and Francis Group, London (England and Wales) IF = 2.439	Print ISSN: 2574-0881 Online ISSN: 257-089X	2.439	IF = 2.439 Corresponding Author of refereed (peer Reviewed) paper International/ Scopus

					Listed journal
44.	Thermal degradation kinetics of ethyl vanillin crosslinked chitosan/poly(vinyl alcohol) blend films for food packaging applications <i>Chemical Data Collections</i> 34 , 100739 (2021) DOI: 10.1016/j.cdc.2021.100739	Elsevier B.V.	Online ISSN: 2405-8300	-	Corresponding Author Of refereed (peer Reviewed) paper in International/ Scopus listed journal
2022					
45	Experimental investigations on the beta attenuation properties of lead monoxide–Polycarbonate composite films VA Kandagal, R Mirji, B Lobo <i>Materials Today: Proceedings</i> 49, 2212-2216 DOI: 10.1016/j.matpr.2021.09.320	ELSEVIER	2214-7853		Corresponding Author Of refereed (peer Reviewed) paper International/ Scopus Listed journal
46	Optical analysis of polycarbonate–Lead nitrate composite films for UV-A shielding applications CK Manjappa, R Mirji, B Lobo <i>Materials Today: Proceedings</i> 60 , 93-96 DOI: 10.1016/j.matpr.2021.12.261	ELSEVIER	2214-7853		Corresponding Author Of refereed (peer Reviewed) paper International/ Scopus Listed journal
47	Experimental investigations on Nano Titania-Polyacrylamide Composite Films G Veena, B Lobo <i>Journal of Scientific Research</i> 66 (1), 284-295, 2022 DOI: 10.37398/JSR.2022.660130	Institute of Science, Banaras Hindu University, Varanasi, India	0447-9483		Corresponding Author Of refereed (peer Reviewed) paper UGC-CARE listed journal
48	Structural, AC and DC Electrical Transport Properties of Nano Titania-Polyacrylamide Composite Films G Veena, B Lobo <i>Indian Journal of Pure & Applied Physics (IJPAP)</i> 60 (3), 227-237, 2022 DOI: 10.56042/ijpap.v60i3.55795	CSIR-NISCAIR http://op.niscair.res.in CODEN: IJOPAU	ISSN:0975-1041 (Online); 0019-5596 (Print)	0.923	IF = 0.923 Corresponding Author Of refereed (peer Reviewed) paper in UGC CARE list of Approved journals
49	Morphological, linear and nonlinear optical characteristics of PVA/Ac–PVP blend filled with nanoparticles of titania G Veena, B Lobo	Springer; Indian Academy of Sciences	0250-4707 (Print); 0973-7669 (Online)	1.783	IF = 1.783 Corresponding Author of refereed (peer

	<i>Bulletin of Materials Science</i> 45 (4), 1-17, 2022 DOI: 10.1007/s12034-022-02764-8	IF = 1.783			Reviewed) paper International/ Scopus Listed journal
2023					
50	Variation of optical parameters of physically stacked polyvinylidene chloride films with thickness and wavelength Akkamma M B , B Lobo <i>Materials Today: Proceedings</i> (Accepted in Feb/March 2023); Available online 7 March 2023 https://doi.org/10.1016/j.matpr.2023.02.315	ELSEVIER	2214-7853		Corresponding Author Of refereed (peer Reviewed) paper International/ Scopus Listed journal
51	Experimental investigation of the structural features of polycarbonate (PC) filled with bismuth nitrate pentahydrate (BNP) composite films in terms of free volume defects probed by positron annihilation lifetime spectroscopy Rajeshwari Mirji, Blaise Lobo , Dhandeep Dutta, Saraswati P Masti, Majunath P Eelagar <i>Applied Radiation and Isotopes Volume 196</i> , June 2023, 110773 (Accepted for publication on 07 March 2023) https://doi.org/10.1016/j.apradiso.2023.110773	ELSEVIER IF = 1.787	0969-8043	1. 7 8 7	Corresponding Author Of refereed (peer Reviewed) paper International/ Scopus Listed journal

9. Publications of research articles in Proceedings (from 2011 onwards):

Sl. No	Title of the article	Author	Name of the Programme	Date
1.	Experimental study of band-gap in pyrrole sorbed PVA- PVP films doped with ferric chloride	R. V. Patil, M. R. Ranganath & Blaise Lobo	Proceedings of the International Conference on Research in Condensed Matter Physics (ICOMP-2012); page 290-292.	01-03 October 2012
2,	Optical and thermal properties of Bi(NO ₃) ₃ doped polycarbonate composite	Rajeshwari Mirji & Blaise Lobo	62 nd DAE Solid State Physics Symposium (DAE-SSPS 2017) BARC, Mumbai	26-30 December 2017

3.	Conductivity measurements on CdCl ₂ doped PVA solid polymeric electrolyte for battery application [Oral + Poster presentation; BMB obtained 'Best Poster' Award]	Basavaraj eshwari M. Baraker& Blaise Lobo	62 nd DAE Solid State Physics Symposium (DAE-SSPS 2017) BARC, Mumbai	26-30 December 2017
4.	Experimental investigations on potassium permanganate doped polyvinyl alcohol – polyvinyl pyrrolidone blend	G. Veena& Blaise Lobo	62 nd DAE Solid State Physics Symposium (DAE-SSPS 2017) BARC, Mumbai	26-30 December 2017
5 .	Mass attenuation coefficients of PC - Bi(NO ₃) ₃ films at the specific gamma photon energies	Rajeshwa ri Mirji& Blaise Lobo	TSRP-2018, BARC, Mumbai, India	23- 25 January 2018
6.	Vibrational, structural and thermal properties of KMnO ₄ doped PVA-PVP blend	G. Veena& Blaise Lobo	International Conference; RAMSB-2018, Mangalore University, Mangaluru, India	23 – 25 January 2018
7.	Structural, Thermal and Dynamic mechanical properties of Epoxy hybrids	Shruti. S Devanga math& Blaise Lobo	International Conference; RAMSB-2018, Mangalore University, Mangaluru, India	23 – 25 January 2018
8.	Thermal and electrical transport properties in films of CdCl ₂ doped PVA-PVP blend [BMB obtained 'Best Paper' Award]	B M. Baraker& Blaise Lobo	International Conference; RAMSB-2018, Mangalore University, Mangaluru, India	23 – 25 January 2018
9.	Optical and microstructural studies on CoSO ₄ . 7H ₂ O filled epoxy	Shruti. S Devanga math & Blaise Lobo	Jain University, Bengaluru	12 – 13 February 2018

10. Membership in Professional Bodies(No.): :02

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

Referee/ Reviewer for journals:

Referee for a number of national and international journals from reputed publishing houses, including Elsevier and Springer Nature. The list of journals include **Materials Science for Semiconductor Processing, Philippine Journal of Science, Applied Radiation and Isotopes;**

Applied Radiation and Isotopes, Journal of Thermal Analysis and Calorimetry, Journal of Nuclear and Radioanalytical Chemistry, Materials Research Express, Bulletin of Materials Science, Materials Chemistry and Physics, Indian Journal of Physics, Ceramics International, The International Journal of Modern Physics B, and Radiation Physics and Chemistry. Also, refereed some papers for the DAE Solid State Physics Symposium.

Other responsibilities:

1. **Head of the Department of Physics**, Karnatak University's Karnatak Science College, Dharwad ; **FIRST TERM:** 12-07-2011 to 25-09-2013 and **SECOND TERM:** from 8-8-2017 to July 2019.
2. Chairman, Dept. of Cricket, K.S.C Gymkhana, Dharwad.
3. Chairman, Dept. of Football & Hockey, K.S.C Gymkhana, Dharwad.
4. Chief Superintendent PUC II Board Examinations 2015 (April and June).
5. Chief Superintendent of UG Examinations (KUD) 2016 April/ May.
6. Research Guide for Ph.D. students of KUD; **two students awarded Ph.D;** five students are still working for their Ph.D.
7. Laboratory Professor in-charge of different B.Sc. and M.Sc. laboratories.
8. Project Supervisor of M.Sc. (Physics) dissertations; successfully **guided / supervised several batches of M.Sc. Physics students during their Project work, from 2012-13 onwards.**
9. Co-ordinator for B.Sc. (Computer Science).
10. Co-ordinator for B.Sc. (Electronics).
11. Chairman of College Prospectus Committee 2021 onwards
12. Chairman of Science Association of KSCD 2023 onwards
13. Coordinator and Web Admin for the college website kscd.ac.in..late 2022 onwards

NOTE: For updated and complete research information, please visit my Google Scholar Profile or Orcid profile. Only a selected list is given here.

- The research profile of Dr. Blaise Lobo, Professor, Department of Physics, KSCD can be found at the following link, in addition to Research Gate, Scopus, Web of Science and Vidwan (inlibnet) profiles. <https://scholar.google.com/citations?user=IKG4wL4AAAAJ&hl=en> The vidwan profile link is <https://vidwan.inflibnet.ac.in//profile/239278/MjM5Mjc4>

ORCID LINK: <https://orcid.org/0000-0002-5181-4050>

Web of Science ResearcherID profile: <https://www.webofscience.com/wos/author/record/I-6449-2018>

ResearchGate ID: <https://www.researchgate.net/profile/Blaise-Lobo>

Scopus ID: <https://www.scopus.com/authid/detail.uri?authorId=54793103900>

LinkedIn Profile: <https://www.linkedin.com/in/blaise-lobo-b2b3b0a/>