

Dr. Blaise Lobo

Name: BLAISE LOBO

Qualification : M.Sc., Ph.D

Designation: Professor and Head, UG & PG Department of Physics, Karnatak University's Karnatak Science College, Dharwad

Teaching Experience: more than 25 years

Research: Guided six research (Ph.D) students successfully, and four more are working for their Ph.D. Published more than 50 papers in reputed international journals (h-index: 14, i-10 index: 22) and attended several conferences to present research papers (oral & poster). Supervised the project work of several batches of M.Sc. (Physics) students.

For more details, visit <https://vidwan.inflibnet.ac.in/profile/239278>

Profile of Dr. Blaise Lobo

Professor & Head, UG & PG Department of Physics, Karnatak Science College, Dharwad



Research areas of Prof. Blaise Lobo:

1. Radiation shielding materials
2. Study of microstructure and properties of polymeric materials using nuclear techniques and complementary techniques.
3. Effect of irradiation on polymeric materials and composites
4. Study of conducting polymeric blends
5. Optical analysis of polymeric materials/films

Research publications:

[Influence of Polyaniline as Filler on the Microstructural Features and Properties of Polycarbonate: Bismuth Sulfide Nanocomposite](#)

R Mirji, B Lobo, S Mukherjee, M Ahmed, PMG Nambissan

Journal of Inorganic and Organometallic Polymers and Materials 34 (3), 1232-1255

- [Optical properties of UV-C irradiated polyvinylidene chloride films](#) 1 2023
MB Akkamma, B Lobo
Radiation Physics and Chemistry 212, 111182
- [UV induced changes in bismuth oxychloride–filled polycarbonate composite films](#) 2023
VA Kandagal, B Lobo
Academia Materials Science 1 (1), 1-19
- [Computation of gamma radiation shielding parameters of lead monoxide filled polycarbonate composite films](#) 2023
VA Kandagal, B Lobo
JSS Journal of Scientific Studies (ISSN 2583-5815) 2 (1), 23-34
- [External Bremsstrahlung Studies on Films of Lead Monoxide Filled Polycarbonate Composite](#) 2023
VA Kandagal, B Lobo
Atom Indonesia 1 (2), 137-143
- [Spectroscopic Analysis of Lead Monoxide Reinforced Polycarbonate Composite Films](#) 2023
VA Kandagal, B Lobo
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- [Experimental and computational study of the beta shielding properties of polycarbonate filled with lead nitrate](#) 1 2023
M Chandrappa Koramar, B Lobo
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- [Experimental investigation of the structural features of polycarbonate \(PC\) filled with bismuth nitrate pentahydrate \(BNP\) composite films in terms of free volume defects ...](#) 3 2023
R Mirji, B Lobo, D Dutta, SP Masti, MP Eelager
Applied Radiation and Isotopes 196, 110773
- [Variation of optical parameters of physically stacked polyvinylidene chloride films with thickness and wavelength](#) 2023
MB Akkamma, B Lobo
Materials Today: Proceedings 80, 1671-1676
- [Morphological, linear and nonlinear optical characteristics of PVA/Ac–PVP blend filled with nanoparticles of titania](#) 2022
G Veena, B Lobo
Bulletin of Materials Science 45 (4), 195
- [Structural, AC and DC Electrical Transport Properties of Nano Titania-Polyacrylamide Composite Films](#) 2022

G Veena, B Lobo

Indian Journal of Pure & Applied Physics (IJPAP) 60 (3), 227-237

[Experimental investigations on Nano Titania-Polyacrylamide Composite Films](#)

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G Veena, B Lobo

Journal of Scientific Research 66 (1)

[Optical analysis of polycarbonate–lead nitrate composite films for UV-A shielding applications](#)

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CK Manjappa, R Mirji, B Lobo

Materials Today: Proceedings 60, 93-96

[Experimental investigations on the beta attenuation properties of lead monoxide–Polycarbonate composite films](#)

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Materials Today: Proceedings 49, 2212-2216

[Thermal degradation kinetics of ethyl vanillin crosslinked chitosan/poly \(vinyl alcohol\) blend films for food packaging applications](#)

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SS Narasagoudr, Y Shanbhag, RB Chougale, BM Baraker, SP Masti, ...

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[Experimental investigations on nano-titania incorporated polyvinyl alcohol - polyvinyl pyrrolidone composite films](#)

6 2021

B Lobo, G Veena

Polymers - Plastics Technology and Materials 60 (15), 1697-1717

[Microstructural features, spectroscopic study and thermal analysis of potassium permanganate filled PVA–PVP blend films](#)

7 2021

G Veena, B Lobo

Journal of Physics: Condensed Matter 33 (25), 255101

[Preparation and humidity sensing behavior of cadmium–zinc ferrite nanocomposite](#)

1 2021

BM Baraker, B Lobo, S Sikarwar, BC Yadav

Journal of Physics: Conference Series 1921 (1), 012119

[Correction to: Thermal, mechanical, and AC electrical studies of PVA–PEG–Ag₂S polymer hybrid material](#)

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[Preparation and experimental investigations of the spectroscopic, thermal and microstructural properties of polycarbonate filled with bismuth oxychloride](#)

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- [AC and DC electrical transport properties of potassium permanganate doped PVA-PVP solid polymer electrolyte](#) 14 2018
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