SAPTHAGIRI COLLEGE OF ENGINEERING

#14/5, Chikkasandra, Hesaraghatta Main Road, Banglore-560057, Karnataka, India

DEPARTMENT OF PHYSICS

FACULTY PROFILE

Name of the faculty	**Dr. JAGADEESHA GOWDA G V**
Designation	Professor & Head
Contact Number	9972530023
Email ID	hodphysics@sapthagiri.edu.in

Educational Qualification

Degree	Specialization	University	Year of Passing
Ph.D	Glass Science/ Optics	VTU	2015
M.Phil	Crystallography	VMU,Salem	2009
M.Sc	Optics/ Physics	Bangalore University	1996
B.Ed	PM	Bangalore University	2000

Work Experience

Teaching	Research	Industry
21 year	10 year	nil

Publications

National/International Journals	National/International Conferences	Books Authored/Edited
12	10	01

Area of Interest

Material Science	
Glass & Amorphous	
Spectroscopy Studies	
Nano Science	

Membership in Professional Bodies/University Bodies/Organization

Life member of India Society for Technical Education (LMISTE) LM-48781.

Funded Projects:

--

Patents:

--

Publications

National/International Journals

1. The optical and physical properties of holmium (Ho3+) ions doped bismuth–tellurite glasses. C. Devaraja, G. V. Jagadeesha Gowda, K. Keshavamurthy, and B. Eraiah, **AIP Conference Proceedings,** 2162 (2019) 020172
2. Thermal, structural and electrical properties of alkali-vanado-bismuth-tellurite glasses, G. V. Jagadeesha Gowda, K. Keshavamurthy, and C. Devaraja, **AIP Conference Proceedings**, 2162 (2019) 020171.
3. FTIR and Raman Studies of Eu^{3+} ions doped alkali boro tellurite glasses. C. Devaraja, G. V. Jagadeesha Gowda, B. Eraiah, Keshavamurthy K, **AIP Conference Proceedings** 2115 (2019) 030230-4.
4. Influence of europium (Eu^{3+}) ions on the optical properties of boro tellurite glasses. C. Devaraja, G. V. Jagadeesha Gowda, and B. Eraiah, **AIP Conference Proceedings** 1953, 030009 (2018)
5. 2-(5-Methyl-1-benzofuran-3-yl) – N – (2- phenylethyl) acetamide. N Ramprasad, K V Arjunagowda, G V Jagadeesha gowda, **IuCrData** 2 (2017) 2x170200.
6. 2-(6-Methyl-1-benzofuran-3-yl) acetic acid. N Ramprasad, K V Arjunagowda, G V Jagadeesha gowda, **IuCrData** 1 (2016) 2x161434.
7. "Electrical Properties of Praseodymium Oxide Doped Boro-Tellurite Glasses", Jagadeesha Gowda.G.V, Devaraja.C, B.Eraiah, **AIP Conference Proceedings**, 1728 (2016) Page: 020190-4.
8. "Ionic conductivity of praseodymium doped silver-borate glasses", Jagadeesha Gowda.G.V, Eraiah.B and Anavekar.R.V, **Journal of Alloys and Compounds**. 620 (2015) 192–196.

9. "Optical Properties of Praseodymium Doped Silver-Borate Glasses", Jagadeesha Gowda.G.V and Eraiah.B. **Canadian Journal of Physics**. 92 (2014) 1154-1157.
10. "Elastic Properties of Silver Borate Glasses Doped with Praseodymium Oxide, Jagadeesha Gowda.G.V and Eraiah.B. **AIP Conference Proceedings**, 1591 (2014) Page: 722-724.
11. "Characterization of Pr6O11-Ag2O-B2O3 Glasses", Jagadeesha Gowda.G.V andEraiah.B. **International Journal of Engineering Science & Research Technology**. 3(5) (2014) 228-232.
12. "Synthesis and Structural Studies of Praseodymium Doped Silver Borate Glasses", Jagadeesha Gowda.G.V and Eraiah.B. **AIP Conference Proceedings**, 1512 (2013) Page: 564-565.
13. "Preparation and Properties of Silver-Borate Glasses Doped with Praseodymium Oxide" Jagadeesha Gowda.G.V and Eraiah.B. **AIP Conference Proceedings**, 1536 (2013) Page: 619-620.
14. "Ultrasonic Studies on Pr_6O_{11}-Ag_2O-B_2O_3 Glass System", Jagadeesha Gowda.G.V and Eraiah.B. **International Journal of Innovative Research in Science, Engineering and Technology**. 2 (2013)3805-3810.

National /International Conferences

1. Jagadeesha Gowda.G.V, Devaraja.C, Keshavamurthy K, B.Eraiah have presented a paper, "Ultrasonic and structural properties of Pr_6O_{11} addition of zinc tellurite glass systems", at International Conference on Advances in Chemical and Materials Science (ICCM-2019), Department of Chemistry, Mangalore University, Karnataka, India. October 17-19, 2019.
2. Devaraja.C, Jagadeesha Gowda.G.V, Keshavamurthy K, B.Eraiah have presented a paper, "Synthesis and Studies of Optical and Physics Properties of Holmium (HO^{3+}) Ions Doped Bismuth-tellurite Glasses", at International Conference on Nanotechnology, Srinivas University, Mangalore, Karnataka, India. October 18-19, 2019.
3. Jagadeesha Gowda.G.V, Keshavamurthy K, have presented a paper, "Thermal and Structural Properties of Alkali-Vanado-Bismuth-Tellurite glasses", at International Conference on Advanced Materials (ICAM-2019), Nirmalagiri College, Kannur, Kerala, India. June 12-14, 2019.
4. Jagadeesha Gowda.G.V, Devaraja.C, have presented a paper, "Structural and optical investigations on Europium oxide doped alkali boro tellurite glasses", at Advanced Functional Materials for Energy, Environment and Health Care (AFMEEHC), Mysore University, Mysore, Karnataka, India. March 18-20, 2019.
5. Jagadeesha Gowda.G.V, Devaraja.C, B.Eraiah have presented a paper, "FTIR and Raman Studies of Eu^{3+} Ions Doped Alkali Boro Tellurite Glasses". At 63rd DAE Solid State Physics Symposium, Guru Jambheshwar University of science & technology, Hisar, Haryana India. Dec 18-22, 2018.

6. Jagadeesha Gowda.G.V, Devaraja.C, B.Eraiah have presented a paper "Influence of Europium ions on the Optical Properties of Boro-Tellurite Glasses", at International Conference on Condensed Matter & Applied Physics, (ICC-2017), Bikaner, Rajasthan. November 24-25, 2017.
7. Jagadeesha Gowda.G.V, Devaraja.C, B.Eraiah have presented a paper "Electrical Properties of Praseodymium Oxide Doped Boro-Tellurite Glasses", at International Conference on Condensed Matter & Applied Physics, (ICC-2015), Bikaner, Rajasthan. October 30-31, 2015.
8. Jagadeesha Gowda.G.V and Eraiah.B, "Elastic Properties of Silver Borate Glasses Doped with Praseodymium Oxide". 58th DAE Solid State Physics Symposium, Patiala, India" (16-21 December-2013).
9. Jagadeesha Gowda.G.V and Eraiah.B "Preparation and Properties of Silver-Borate Glasses Doped with Praseodymium Oxide", International Conference on Recent Trends in Applied Physics & Material Science (RAM-2013). Bikaner, India (1-2 February-2013).
10. Jagadeesha Gowda.G.V and Eraiah.B "Preparation and Properties of Silver-Borate Glasses Doped with Praseodymium Oxide", International Conference on Recent Trends in Applied Physics & Material Science (RAM-2013). Bikaner, India (1-2 February-2013).
11. Jagadeesha Gowda.G.V and Eraiah.B, "Synthesis and Structural Studies of Praseodymium Doped Silver Borate Glasses", 57th DAE Solid State Physics Symposium, Indian Institute of Technology, Mumbai, India (07-11 December-2012).

Workshop Attended

1. Short term course on "Instructional Design and Delivery" from 24.08.2006 to 26.08.2006 (FDP) organised by "National Institute of Technical Teachers Training & Research" at M V J College of Engineering, Bangaluru.
2. "Magnetic Materials and Their Applications" (TEQIP) on 28th February 2009 at MSRIT, Bangaluru.
3. Attended a workshop organised by Microsoft Corporation & M V J College of Engineering, Bangaluru on "Advanced Developer Technologies on 28th May 2009.
4. Participated in symposium on "Current Trends in Photonics and its Applications" organized at BNMIT, Bangaluru in collaboration with IEEE photonics society, Bangalore chapter on 20th March 2010.

Awards/Recognition/Achievement/Others

1. Best teacher (17th May 2009) award from MVJ College of Engineering, Bangalore.