Dr. Ganesha D P

Curriculum vitae

Personal

Father	Puttaswamy gowda D M
Mother	Vishala
Date of Birth	25/06/1987
Marital Status	Married
Nationality	Indian
Place	Doddabasavana halli, Hassan-573201
Mobail No.	9164381325
Email:	ganeshaphysics@gmail.com
Permanent Address	S/o Puttaswamy gowda Ward No. 35, Doddabasavana halli, Hassan (T&D)-573201.

Qualifications

2023 **Ph.D.,** *Adichunchanagiri Institute of Technology, Ckikkamagaluru, VTU Belagavi*
2010 **M.Sc.,** Manasagangotri, University of Mysore, Mysuru
2008 **B.Sc.,** Government College, Hassan

Professional Experience

- Working as Assistant Professor, Department of Physics, Malnad College of Engineering, Hassan-573202.
- Working as Associate Professor, Department of Physics, Rajeev Institute of Technology, Hassan from 01/04/2024 to 19/08/2025
- Working as Assistant Professor, Department of Physics, Rajeev Institute of Technology, Hassan from 01/09/2012 to 31/03/2024.
- Working as Lecture, Department of Physics, Rajeev Institute of Technology, Hassan from 15/02/2011 to 30/08/2012.

Work History

Theory

- Engineering Physics.
- Renewable Energy Source.

Practical

- Optics.
- Electronics.

Interests

Research Interest Crystal structures of small molecules are a source of valuable structural information helpful in the process of drug design.

Others Drawing, Read Novel, Jungle Safari.

Research Publications

1. Synthesis of Novel Arylhydrazones Bearing 8-Trifluoromethyl Quinoline: Crystal Insights, Larvicidal Activity, ADMET Predictions, and Molecular Docking Studies. *Pharmaceuticals* 18, no. 12 (2025): 1804. https://doi.org/10.3390/ph18121804

2. Influence of Dyes on Sulphamic Acid Single Crystals and their Growth, Structural, Dielectric and Mechanical Studies for Optoelectronic Applications. *Grenze ID: 01.GIJET.9.2.466 © Grenze Scientific Society, 2023*

3. Structural, Hirshfeld surface and three-dimensional interaction energy studies of 2-(6-iodo-4-oxo-3,4-dihydroquinazolin-3-yl)ethanesulfonyl fluoride https://doi.org/10.1107/S205698902201221X.

4. Structural, Hirshfeld surface and three-dimensional interaction-energy studies of 1, 3, 5-triethyl 2-amino-3, 5-dicyano-4, 6-bis (4-fluorophenyl) cyclohex-1-ene-1, 3, 5-tricarboxylate. *Acta Crystallographica Section E: Crystallographic Communications* 79, no. 5 (2023).

5. Structural characterization, 3D-interaction energy and in-vitro antimicrobial studies of 1-(2-chloroacetyl)-3,5-dimethyl-2,6-bis(3,4,5-trimethoxyphenyl)piperidin-4-one https://doi.org/10.1016/j.molstruc.2022.134462.

6. X-ray structure, hirshfeld surfaces and interaction energy studies of 2,2-diphenyl-1-oxa-3-oxonia-2-boratanaphthalene. Heliyon 8 (2022) e10151. https://doi.org/10.1016/j.heliyon.2022.e10151.

7. Structural, Hirshfeld surface studies and computation of interaction energies of 4-Amino-N-(3-chloropyrazin-2-yl)benzene-1-Sulfonamide organic compound. *Materials Today: Proceedings (Elsevier). https://doi.org/10.1016/j.matpr.2021.05.428.*

8. Structural Investigation, Hirshfeld Surfaces and 3D Interaction Energy Analysis of the Compound 3-aryl-2-cyanoprop-2-enoic Acid, EUROPEAN JOURNAL OF APPLIED PHYSICS, VOL. 4, NO. 4, JULY 2022, *http://dx.doi.org/10.24018/ejphysics.2022.4.4.189.*

9. Crystal, spectral characterization, molecular docking, Hirshfeld computational studies and 3D-energy framework analysis of a novel puckered compound (C14H15Cl O): 2-Chloro-3-phenyl-5,5-dimethylcyclohex-2-en-1-one. *Journal of Molecular Structure (Elsevier). https://doi.org/10.1016/j.molstruc.2020.127979.*

10. Structural and Hirshfeld surfaces of thiophene based isoxazole derivatives: 3-(3-Methylthiophen-2-yl)-5-(3,4,5- trimethoxyphenyl)isoxazole and 5- (3Methylthiophen-2-yl)-3-(3,4,5-trimethoxyphenyl)isoxazole. *Chemical Data Collections (Elsevier). https://doi.org/10.1016/j.cdc.2018.10.011.*

11. Crystal Structure and Hirshfeld Surfaces of 5-(3-Bromophenyl)-3-(4- methoxyphenyl) Isoxazole. *Journal of Applicable Chemistry 2018, 7 (4): 1025- 1032, ISSN: 2278-1862.*
12. Crystal Structure and Hirshfeld Surfaces of (E)-1-(2-Hydroxyphenyl)-3-(5-methylthiophen-2-yl)prop-2-en-1-one. *X-Ray Structure Analysis Online 2018, VOL. 34, 2018 © The Japan Society for Analytical Chemistry, DOI:10.2116/xraystruct.34.23.*
13. Synthesis, Structural, Molecular Docking and HirshfeldSurface Analysis of (2-((6-chloropyridin-3-yl)methoxy)-5 bromophenyl) (4-chlorophenyl) methanone. *Journal of Chemistry and Chemical Sciences, Vol.8(2), 250-258, February 2018, ISSN 2229- 760X (Print) ISSN 2319-7625.*
14. Crystal structure and Hirshfeld surface analysis of (E)-1-(3,5-dichloro-2- hydroxyphenyl)-3-(5-methyl-furan-2-yl)prop-2-en-1-one. *Acta Cryst. (2018).* E74, 1451–1454, https://doi.org/10.1107/S2056989018012173.

Presentations in Conferences

1. 4-days 1st INTERNATIONAL CONFERENCE ON ACCELERATING INNOVATIONS IN MATERIAL SCIENCE AIMS 2020 August 4-7'2020 Organized by Department of Chemistry, BMS Institute of Technology & Management Bengaluru, INDIA.
2. 24th National Seminar on Crystal Growth and Applications. Organized by Dept. of Physics Periyar University Salem in Association with Indian Association for Crystal Growth during 3-5th Feb 2020.

Faculty Development Program/Workshop/Seminar/Webinars Attend

1. AICTE Training and Learning (ATAL) Academy Faculty Development Program on Quantum-Driven Semiconductors: Fabrication, Function, and Future at KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY from 10/11/2025 to 15/11/2025.
2. One-Week Online Faculty Development Program on "Advanced Materials for Emerging Technologies: Trends and Applications", held from 23rd June to 28th June, 2025 organized by the department of Physics Presidency University, Bengaluru.
3. AICTE Training and Learning (ATAL) Academy Faculty Development Program on Recent trends and advancements in Semiconductor Devices, Modeling & Circuit Technology at ORIENTAL INSTITUTE OF SCIENCE & TECHNOLOGY from 06/01/2025 to 11/01/2025.
4. One-Week Online Faculty Development Program on Applied Physics In VTU Curriculum. Department of Basic Science, Cambridge Institute of Technology Bengaluru. 15th - 19th May 2023.
5. Building of ATMANIRBHAR BAHARTH for the development of India through Science and Technology" Government Engineering College Hassan, AICTE, New Delhi, 06- 10 Oct 2021 (Online).
6. One Week AICTE – VTU Joint Teachers Training Programme for Teachers on "An

Overview of Teaching Techniques in Scientific Foundations of Health" between 20th & 24th December 2021 Organized by VTU Human Resource Development Centre (VTU - HRDC), Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.

7. 3-Days 2nd International Conference on Crystal Engineering: From Molecule to Crystal, a Virtual Meeting, 19 –20 June 2020.

8. 3-Days online Faculty Development Program on "Physics of Materials" organized by Department of Physics, JAIN, from 28th to 30th May 2020.

9. 3-Days National Level online Faculty Development Program on "Keys to Qualitative Research with Balanced Professional Life", organized by Department of ECE, Sir MVIT from 19th to 21st June,2020.
10. 3-days **Faculty Development Program for Student Induction** (FDP-SI) during 14-16 May 2019 at Manglore Institute of Technology and Engineering, Mangalore. Organized by All India for Technical Education (AICTE).

11. 2-days **Faculty Development Program on Teaching Techniques**, conducted by ICT Academy on 30-31 Aug 2018 at Rajeev institute of Technology.

12. 3-days **"46th National seminar on Crystallography**" held on 27-29 June 2018 at NIMHANS, Bangalore. Organized by ICA.

13. One-day workshop on "New model curriculum for first year BE/B.Tech- CBCS Detailed syllabus (2018-19) as per Out Come Base (OBE) format including Course Outcomes (CO) and Bloom's Taxonomy" under Physics board held on 19/05/2018 at SCEM, Mangaluru Organized by VTU, Belagav.

Certification Course

1. LASER: Fundamentals and Applications", 8 Weeks, Credit points: 46.5, 2020.

Judge for external project competition

"Jnana Vijnana Thantrajnana Mela" held on 19/02/2024 to 20/02/2024 at Adhichunchanagiri Education Trust, Nagamangala Taluk, Mandya District.

Resource Person for Invited talk

To be held on 13/02/2024 at Government First Grade College Holenarasipura, Hassan District.

Computer Knowledge

Productivity	LATEX, LibreOffice.
Graphics	Mercury4.2.0, Crystal Explorer 17.5.

Additional Responsibilities

Served as Exam coordinator for the semester end exams during the period 2021-2022 & 2024-2025

Communication

Kannada	Speak fluently, read and write.
English	Speak, read and write.
Hindi	Can understand at basic level.

Declaration

I hereby declare that the above written particulars are true to the best of my knowledge andbelief.

(Dr. Ganesha D P)