Malnad College of Engineering, Hassan

(An Autonomous Institute, Affiliated to V.T.U, Belagavi

Faculty Biodata

GENERALINFORMATION AND ACADEMIC BACKGROUND

PART-A

1.	Name	**Dr. GANESHA D P**
2.	Qualification	**M.Sc., Ph.D**
3.	Date of joining the service at MCE	**20/08/2025**
4.	Department	**PHYSICS**
5.	Current Designation &Experience in MCE	**Assistant Professor**
6.	**Teaching Experience:** P.G. (in Years) : U.G. (in Years) :	**14.3**
Research Experience (in Years)		
7.	**a) Total Number of years** **b) Years spent in M. Phil. / Ph.D.** **c) Years of Guiding Ph.D. / M. Phil.** **d) Total No. of papers Published in** i. International Journals ii. National Journals iii. Conference Proceedings **e) Total No. of Conferences/Seminar/Workshop Attended** i. International ii. National iii. State Level	**7** **14** **1** **13** **13**

PART-B

1. **List of Publications:**

Sl. No.	Title	Name of the Journal, Vol. No., Year	ISSN/ISBN/Number
1	Synthesis of Novel Arylhydrazones Bearing 8-Trifluoromethyl Quinoline: Crystal Insights, Larvicidal Activity, ADMET Predictions, and Molecular Docking Studies.	*Pharmaceuticals*	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 Scientific Society*	*Grenze ID: 01.GIJET.9.2.466*
3	Structural, Hirshfeld surface and three-dimensional interaction energy studies of 2-(6- iodo-4-oxo-3,4-dihydroquinazolin-3-yl)ethanesulfonyl fluoride	JOMS	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*	https://doi.org/10.1107/S2056989023003134
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	Journal of Molecular Structure (Elsevier).	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.	Heliyon (Elsevier)	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)	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,	EUROPEAN JOURNAL OF APPLIED PHYSICS	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).	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).	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.	Journal of Applicable Chemistry	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,	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)	Journal of Chemistry and Chemical Sciences.	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,	Acta Cryst.	https://doi.org/10.1107/S2056989018012173 .

2. **Responsibilities in the Department and Institute / University:** (DAC, DPC, BOS, BOE etc., Institutional Governance responsibilities like, Dean, Chief warden, Warden, HOD's, School/Centre Chairperson, IQAC Coordinator etc.)

Sl. No	Responsibilities
1.	BOS, BOE

3. **Details of Teaching Related Activities**

Sl. No.	Academic Year	(B. E/M.Tech)	Course Title
1	**2025-2026**	**B.E**	**Physics for Civil Engineering**

PART-C

RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS

1. Training Courses, Teaching-Learning-Evaluation Technology Programs, Faculty development Programmes attended

Sl. No.	Name of Course/Summer/Winter School	Duration	Organized By
1.	Quantum-Driven Semiconductors: Fabrication, Function, and Future	10/11/2025 to 15/11/2025.	KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY
2.	Advanced Materials for Emerging Technologies: Trends and Applications	23rd to 28th June, 2025	department of Physics Presidency University, Bengaluru
3.	Recent trends and advancements in Semiconductor Devices, Modeling & Circuit Technology	06/01/2025 to 11/01/2025.	ORIENTAL INSTITUTE OF SCIENCE & TECHNOLOGY
4.	Applied Physics In VTU Curriculum	15th - 19th May 2023.	Department of Basic Science, Cambridge Institute of Technology Bengaluru
5.	Building of ATMANIRBHAR BAHARTH for the development of India through Science and Technology	06- 10 Oct 2021	Government Engineering College Hassan, AICTE, New Delhi
6.	An Overview of Teaching Techniques in Scientific Foundations of Health	20th & 24th December 2021	VTU Human Resource Development Centre (VTU - HRDC), Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.)
7.	Crystal Engineering: From Molecule to Crystal	19 –20 June 2020	
8.	Physics of Materials	28th to 30th May 2020	Department of Physics, JAIN university, Bengaluru.
9.	Keys to Qualitative Research with Balanced Professional Life.	19th to 21st June,2020	Department of ECE, Sir MVIT
10.	Faculty Development Program for Student Induction (FDP-SI)	14-16 May 2019	Manglore Institute of Technology and Engineering, Mangalore. Organized by All India for Technical Education (AICTE).
11.	Faculty Development Program on Teaching Techniques	30-31 Aug 2018	Rajeev institute of Technology, Hassan

12.	National seminar on Crystallography	27-29 June 2018	NIMHANS, Bangalore
13.	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	19/05/2018	SCEM, Mangaluru Organized by VTU, Belagav.

2. Papers presented in Conferences, Seminars, Workshops, Symposia

Sl. No.	Title of Conference/Seminar etc.	Dates of the Event	Organized by	Whether International/National/State/Regional/University/College Level
1	ACCELERATING INNOVATIONS IN MATERIAL SCIENCE	4-7/August/2020	Department of Chemistry, BMS Institute of Technology & Management Bengaluru, INDIA	International
2	Crystal Growth and Applications	3-5/ Feb/ 2020	Dept. of Physics Periyar University Salem in Association with Indian Association for Crystal Growth	National