

Government Arts college (Autonomous), Coimbatore – 18
Performance - Teacher Appraisal Report

i) General Information

- a) Name : Dr.F.HELEN
b) Address (Residential): Site No. 35,4th street, Bharathidasan
Nagar, Ramanathapuram, Coimbatore-45
Mobile No.:9788950980
c) Designation : Associate Professor
d) Department : Physics
e) Date of Birth : 13.06.1968
f) Area of Specialization: Solid State Physics- Crystal Growth



A) Academic Qualifications

Exam passed	Subjects	Board/University	Year	Division/Grade/ Merit etc.
High School	Tamil, English, Mathematics, Science, History & Geography	Board of secondary Education	1983	I
Higher secondary	Tamil, English, Maths, Physics, Chemistry, Biology	Board of Higher secondary Education	1985	I
Bachelor's Degree B.Sc	Physics	Bharathidasan University, Trichy	1988	I
Master's Degree M.Sc	Physics	Bharathidasan University, Trichy	1990	I
Research Degree(s) 1. M Phil	Physics	Bharathidasan University, Trichy	1992	I
2. Ph.D	Physics	Bharathiar University, Coimbatore	2016	
Joint CSIR - UGC National level test	Physical Science	UGC	1991	Qualified for JRF and Lectureship

ii) Research Experience & Training

Research	Title of the Work/Thesis	University Where the Work was Carried out
M.Phil.	Microprocessor control for DC Servo motor with speed feedback for electron beam welding (WRI, BHEL, Trichy)	Bharathidasan University, Trichy
Ph.D.	Studies on the growth and characterization of pure and doped organic and semiorganic single crystals	Bharathiar University, Coimbatore
Post Doctoral	---	
Publication (give a list separately)	List Enclosed (Appendix A)	
Research Guidance (give names of Students guided successfully)	-----	
Training (Please specify)		

B) Research Projects carried out

Title of the Project	Name of Funding Agency	Duration	Remarks
Nil			

C) Seminars, Conferences, Symposia Workshops etc. attended (If necessary give a separate list)

Name of the Seminar/ Conference/Symposia Workshop,etc.	Name of the Sponsoring Agency	Place and Date
List enclosed (Appendix - B)		

iii) Teaching Experience

Courses Taught	Name of University/ College/Institution	Duration
U.G: B.Sc	1. LRG Government Arts College for Women, Tirupur 2. Governmet Arts College, Coimbatore	21.10.98-11.07.06 12.07.06 to till date
PG: MSc Physics	1. Governmet Arts College, Coimbatore	12.07.06 to till date
M.Phil.	Nil	
Any other	Nil	

Total Teaching Experience (in years and months) :

- a) Under-Graduate (Pass) : 20Years 7 months
b) Under-Graduate (Hons) : NA
c) Post-Graduate : 12 years 10 months

viii) Innovations/ Contributions in Teaching (If necessary give a separate list)

- a) Design of curriculum : Board of studies member, Govt. Arts College, Coimbatore
b) Teaching Methods : Lecturing , Group discussion, and PPT
c) Laboratory experiments : UG, PG & crystal growth lab experiments , Trouble shooting equipments and devices
d) Evaluation Methods : Periodic tests, Model exams, Assignments
e) Preparation of resource material : References from internet, periodicals and research papers
f) Remedial Teaching / Students : Clearing doubts periodically, helping individuals to develop attitude and skills
g) Any other : Counseling weak and poor students

ix) Extension Work/ Community Service (If necessary give a separate list)

a) Please give a short account of your contribution to:

i) Community work such as values of National Integration, secularism, democracy, socialism, humanism, peace, scientific temper, flood or drought relief, small family norms etc.:

Counseling poor and weaker section of society, creating social awareness Rendered possible help to the victims of natural calamities, Worked as presiding officers in elections

ii) National Literacy Mission: Nil

b) Positions held / leadership role played in organizations linked with Extension Work National Service Scheme (NSS), or NCC or any other similar activity: Campus cleaning, rendered help for conductivity college functions.

D. Participation in Corporate Life

Please give a short account your contribution to:

a) College/ University / Institution	Member of board of studies, time table, admission work, Tutor in-charge
b) Co-curricular Activities	Organizing seminars, quiz for science day celebration in the department.
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	
d) Students Welfare and Discipline	Periodical counseling and guidance to the students, Tutor for II M.Sc Physics students during 2016-17 and 2017-18.
e) Membership / Participation in Bodies / Committees on Education and National Development	Question paper setter, External and Internal examiner for theory and practical examinations, PG & M.Phil viva
f) Professional Organization of Teachers	Nil

E. (a) Membership of Professional Bodies, Societies etc.: Nil

(b) Editorship of Journals; Nil

F. Any other information: Nil

F.Helen

(Signature of the Teacher)

Appendix- A

List of Publications

1. **F. Helen**, G. Kanchana, Growth and characterization of metal ions doped L-serine NLO single crystals for optoelectronic applications, **Optik 125 (2014) 2051–2056.**
2. **F. Helen**, G. Kanchana, Investigation on the properties of L-serine doped zinc tris (thiourea) sulfate crystal for NLO application, **Indian Journal of Pure and Applied Physics 52 (2014) 821-828.**
3. **F. Helen**, G. Kanchana, Growth, mechanical, dielectric, thermal and optical studies of a nonlinear optical crystal: L-histidinium dipicrate dihydrate. **Materials Chemistry and Physics 151 (2015) 5-13.**

APPENDIX – B**E. Seminars, Conferences, Symposia Workshops etc. attended**

Name of the Seminars / Conferences / Symposia / Workshops etc	Name of the Sponsoring Agency	Place and Date
National Conference on Advanced Functional Materials	-	Bharathiar University, Coimbatore, 31st January, 2014
Seventeenth National Seminar on Crystal Growth	DST, DRDO, CSIR & BRNS	Department of Physics, Anna University, Chennai, January 9-11, 2013.
Sixteenth National Seminar on Crystal Growth	TNSCST, DRDO & BRNS	Department of Physics, Aditanar College of arts and Science, Tiruchendur, January 19-21, 2012
Fourteenth National Seminar on Crystal Growth	School of advanced sciences, VIT & Indian Association for Crystal Growth	VIT University, 10-12 , March 2010
International seminar on Nanostructures for electronics and biomedical applications	---	Bharathiar University, Coimbatore, 9 th January, 2009
Workshop on nonlinear Dynamics		Department of Physics, Govt. Arts College, Coimbatore, 9 th and 10 th February, 2007