

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

i) General Information

- a) Name : P. KARTHIGA DEVI
b) Address : 50, Ramalingam colony,
(Residential) Coimbatore-641043.
Phone: 9442446533
c) Designation : Associate Professor
d) Department : Physics
e) Date of Birth : 10.05.1975



- f) Area of specialization : Solid State Physics

A) Academic Qualifications

Exam. passed	Subjects	Board/University	Year	Division/Grade/ Merit etc.
High School	Dept of govt exams, Chennai-6	Tamil, English, Maths, Science, History & Geography	1990	91.6%
Higher secondary	Dept of govt exams, Chennai-6	Physics, Chemistry, Maths	1992	88.5%
Bachelor's Degree B.Sc	Physics	Madras University	1995	79%
Master's Degree M.Sc	Physics	Bharathidasan University	1997	80%
Research Degree(s) 1.M Phil	Physics	Bharathidasan University	1999	77.4%
2. Ph.D	Physics	Bharathiar University	2016	

ii) Research Experience & Training

Research	Title of the Work/Thesis	University Where the Work was Carried out
M.Phil.	Nuclear dependence of structure function	Bharathidasan University
Ph.D.	Experimental and theoretical investigation of synthesis and characterization of selected organic crystals	Bharathiar University
Post Doctoral	---	
Publication (give a list separately)	List enclosed separately	
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

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

iii) Teaching Experience

Courses Taught	Name of University/ College/Institution	Duration
U.G: B.Sc	Kundavai Nachiyar Govt. Arts College, Thanjavur .	October 1998 to June 2006
	Govt.Arts. College, Coimbatore	2006 to till date
PG:M.Sc	Govt. Arts. College, Coimbatore	2006 to till date
M.Phil.		
Any other		

Total Teaching Experience (in years and months) :

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

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

a)	Design of curriculum	:	Prepared syllabus for UG,PG (Theory & practical)
b)	Teaching Methods	:	Lecturing, Seminars, Teaching through OHP
c)	Laboratory experiments	:	Innovative methods, Visiting Various labs.
d)	Evaluation Methods	:	Oral, Objective and Simple question.
e)	Preparation of resource material	:	Reference work through journals, net, periodicals, research papers and books.
f)	Remedial Teaching / Students	:	Special coaching for weak students
g)	Any other	:	As a class tutor impart counseling to all 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.:

Rendered possible help to the victims of natural calamities, Worked as Presiding officers in elections

ii) National Literacy Mission : Involved and conduct of adult literacy

b) Positions held / leadership role played in organizations linked with Extension Work National Service Scheme (NSS), or NCC or any other similar activity

D. Participation in Corporate Life

Please give a short account your contribution to:

a) College/ University / Institution	Member of board of studies, academic council, disciplinary committee, admission work
b) Co-curricular Activities	Organizing seminars, quiz etc.,
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	Conduct and taking part in games and sports, cultural activities.
d) Students Welfare and Discipline	Tutor for UG students, maintaining discipline within college
e) Membership / Participation in Bodies / Committees on Education and National Development	Member, board of studies, Govt. Arts College, Question paper setting for theory and practical for many colleges
f) Professional Organization of Teachers	

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

(b) Editorship of Journals

F. Any other information

(Signature of the Teacher)

Appendix- A

List of Publications

1. **P. Karthiga Devi**, K.Venkatachalam, M.Poonkothai, spectroscopic, optical, thermal, antimicrobial and density functional theory studies of 4-aminopyridinium 4-hydroxy benzoate hydrate crystal, **Journal of Molecular Structure** 1119 (2016) 462-471.
2. **P. Karthiga Devi**, K.Venkatachalam, Growth, spectroscopic, optical, thermal, dielectric and DFT studies of ammonium picrate: a nonlinear optical crystal, **Journal of materials Science: Material in Electronics** 27 issue 8 (2016) 8590-8598.
3. **P. Karthiga Devi**, K.Venkatachalam, Structural, optical, mechanical and density functional theory studies of 1H-pyrazol-2-ium hydrogen oxalate crystal, **Materials Chemistry and Physics** 183 (2016) 210-219.
4. **P. Karthiga Devi**, K.Venkatachalam, Structural, optical, thermal. mechanical and DFT studies of piperidinium hydrogen oxalate-an organic crystal, **Journal of Material Science: Materials in Electronics**. 28 Issue 11 (2017) 8061-8073.