


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

i) General Information			
a)	Name	:	K.Venkatachalam
b)	Address (Residential)	:	2/60,Latha nivas Teacher's colony, Near Cheran maangar, Vilankurichi(Po), Coimbatore-35
c)	Designation	:	Associate Professor
d)	Department	:	Physics
e)	Date of Birth	:	15.03.1965
f)	Area of Specialization	:	Solid State Physics



A) Academic Qualifications

Exam.passed	Subjects	Board/University	Year	Division/Gra de/Merit etc.
High School	Tamil, English, Mathematics, Science, History& Geography	Board of secondary Education	1981	I
Higher secondary	Tamil, English, Maths, Physics, Chemistry, Biology	Board of Higher secondary Education	1983	I
Bachelor's Degree B.Sc	Physics	Bharathiar University	1986	I
Master's Degree M.Sc	Physics	Bharathiar University	1988	I
Research Degree(s) 1.M Phil	Physics	Bharathiar University	1989	I
2. Ph.D	Physics	Bharathiar University	2006	I
Other Diploma/ Certificates etc.	PGDCA Computer science	Bharathiar University	1997	I

ii) Research Experience & Training

Research	Title of the Work/Thesis	University Where the Work was Carried out
M.Phil.	Contribution and working of Flux meter	Bharathiar University
Ph.D.	Synthesis and characterization of CdSeS by Slurry coating method.	Bharathiar University.
Post Doctoral	---	
Publication (give a list separately)	List Enclosed	
Research Guidance (give names of Students guided successfully)	1.R.Devaraj 2.P.Karthigadevi	
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	1. Govt. Arts College, Thindivanam 2. Govt. Arts College, Ooty 3. Govt. Arts College, Coimbatore	21 yrs
PG: MSc Physics	1. Govt. Arts College, Ooty 2. Govt. Arts College, Coimbatore	20 yrs
M.Phil.	1. Govt. Arts College, Ooty 2. Govt. Arts College, Coimbatore	11 yrs
Any other		

Total Teaching Experience (in years and months)

a)	Under-Graduate (Pass)	:	20 years 7 months
b)	Under-Graduate (Hons)	:	
c)	Post-Graduate	:	19 years 7 months

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

a)	Design of curriculum	:	Board of Studies member in Bharathiar University & Autonomous college
b)	Teaching Methods	:	
c)	Laboratory experiments	:	
d)	Evaluation Methods	:	
e)	Preparation of resource material	:	
f)	Remedial Teaching / Students	:	
g)	Any other	:	

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: Nil

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

D. Participation in Corporate Life

Please give a short account your contribution to:

a) College/ University / Institution	Senate member, Bharathiar University, Coimbatore.
b) Co-curricular Activities	--
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	
d) Students Welfare and Discipline	
e) Membership / Participation in Bodies / Committees on Education and National Development	
f) Professional Organization of Teachers	

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

(b) Editorship of Journals; Nil

F. Any other information: Nil

(Signature of the Teacher)

List of Publications

1. Role of hexamine: growth of multiarmed ZnO nanorods and evidence of merging due to lateral growth. Journal of Materials Science : DOI 10.1007/s10854-016-5375-7 (2016)
2. Role of seed layer: lattice orientation attachment and structural stabilization on the lateral growth of ZnO nanorods. Journal of Materials Science : DOI DOI 10.1007/s10854-015-4255-x (2015)
3. Growth, spectroscopic, mechanical, thermal, antimicrobial and DFT studies of piperidinium hydrogen oxalate, J. Mater. Sci. Mat. Electron. 28 (11) (2017) 8061-8073
4. Spectroscopic, optical, thermal, antimicrobial and density functional theory studies of 4-aminopyridinium 4-hydroxy benzoate hydrate crystal J. Mol. Str. 1119(2016) 462-471
5. Growth, spectroscopic, optical, thermal, dielectric and DFT studies of ammonium picrate: a nonlinear optical crystal, J. mat. Sci : mat in Elect. 27, 8 (2016) 8590-8598.
6. Structural, optical, mechanical and Density Functional Theory studies of 1H-pyrazol-2-ium hydrogen oxalate crystal, Mat. Chem. Phy. 183(2016) 210-219