

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

i) General Information

- a) Name : P. ELANGO
- b) Address (Residential) : 19B CHITRA NAGAR,
SARAVANAMPATTI,
COIMBATORE 641 035
- Mobile No. : 9003540035
- c) Designation : Associate Professor and Head
- d) Department : PHYSICS
- e) Date of Birth : 18-07-1964
- f) Area of Specialization : Thin Films



A) Academic Qualifications

Exam Passed	Subjects	Board/ University	Year	Division/ Grade/ Merit, etc.
High School		CBSE	1980	I Class
Higher Secondary or Pre-degree	Science	CBSE	1982	I Class
Bachelor's Degree (s)	B.Sc. Physics	Bharathiar University	1985	I Class
Master's Degree (s)	M.Sc. Physics	Bharathiar University	1987	I Class
Research Degree (s)	M.Phil. Physics Ph.D. Physics	Bharathiar University	1989 2006	
Other Diploma/ Certificates etc.	---	---	---	---

ii) Research Experience & Training

Research Stage	Title of work / Thesis		University where the work was carried out	
M. Phil. or Equivalent	STRUCTURAL AND OPTICAL PROPERTIES OF VACUUM EVAPORATED CdSe THIN FILMS		Bharathiar University	
Ph. D.	CHARACTERISTICS OF BRUSH PLATED CdS _x Se _{1-x} FILMS		Bharathiar University	
Post-Doctoral	-----			
Publications (give a list separately)	List Enclosed			
Research Guidance (give names of students guided successfully)	Ph.D. Guidance		M.Phil. Guidance	
	1)	Dr. K. Chitra (2010)	1)	P. Sridevi (2013)
	2)	Dr. S. Kala (2014)	2)	N. Sathyapriya (2014)
	3)	Dr. V. Gopalakrishnan (2018)	3)	E. Yuvaraj (2014)
Training (please specify)	One Orientation Course and Three Refresher Courses			

B) Research Projects carried out

S. No.	Title of the Project	Name of the Funding Agency	Duration	Remarks
--	--	--	--	--

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

Name of the Seminars / Conferences / Symposia / Workshops etc	Name of the Sponsoring Agency	Place and Date
--	--	--

iii) Teaching Experience

Courses Taught	Name of the University / College / Institution	Duration
iv) UG (BA / B.Sc., etc. Pass) (BA / B.Sc., etc. Hons.)	Government Arts College, Udagamandalam Government Arts College, Coimbatore	21 Years
v) PG (MA / M.Sc., etc.)	Government Arts College, Udagamandalam Government Arts College, Coimbatore	21 Years
vi) M. Phil.	Government Arts College, Coimbatore	11 Years
vii) Any other		

Total Teaching Experience (in years and months) :

a) Under-graduate (Pass) : 20 years 10 months

b) Under-graduate (Hons.) : -----

c) Post-graduate : 20 years 10 months

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

a) Design of Curriculum :	Served as member, chairman and subject expert in board of studies of Parent Institution, Bharathiar University and other autonomous colleges
b) Teaching methods :	Usage of modern electronic devices
c) Laboratory experiments :	Designing electronic circuits in laboratory
d) Evaluation methods :	Conducting periodic tests, seminars, evaluating assignments, projects etc
e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	Prepared study materials and PPT presentations for UG and PG students
f) Remedial Teaching / Student Counseling (academic) :	Identifying and guiding slow learners individually
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.

Financial aid to the victims of national disaster, Election duty, etc.

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	1) Member of RUSA 2) Member of Anti-ragging Committee 3) Member of College Academic Council 4) Chairman of Board of Studies 5) Former member of BOS of Bharathiar University
b) Co-curricular Activities	
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	Participated and rendered help in various cultural and sport events
d) Students Welfare and Discipline	Member in Anti-ragging committee
e) Membership / Participation in Bodies / Committees on Education and National Development	1) Chairman, Board of Studies 2) Chair-person in international conferences
f) Professional Organization of Teachers	----

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

(b) Editorship of Journals NIL

F. Any other information:

(Signature of the Teacher)

LIST OF PUBLICATIONS

1. V. Gopala Krishnan, P. Elango, V. Ganesan, Surface characterization and gas sensing performance of yttrium doped TiO₂ nanofilms prepared by automated nebulizer spray pyrolysis (ANSP), *Journal of Materials Science: Materials in Electronics* 29 (2018) 392
2. V. Gopala Krishnan, P. Elango, V. Ganesan, Role of molar concentration in structural, optical and gas sensing performance of anatase phase TiO₂ nanofilms: automated nebulizer spray pyrolysis (ANSP) technique, *Applied Physics A* 123 (2017) 498
3. V. Gopala Krishnan, P. Elango, A. Purushothaman, A. Chandra Bose, Automated nebulizer sprayed tin doped titanium dioxide (Sn_xTi_{1-x}O₂) anatase nanofilms properties, gas sensing performance, *Materials Chemistry and Physics* 199 (2017) 113
4. V. Gopala Krishnan, P. Elango, Influence of Ba doping concentration on the physical properties and gas sensing performance of ZnO nanocrystalline films: Automated nebulizer spray pyrolysis (ANSP) method, *Optik* 141 (2017) 83
5. V. Gopala Krishnan, A. Purushothaman, P. Elango, Effect of thickness on the physical properties and gas sensing application: anatase titanium dioxide nanofilms by automated nebulizer spray pyrolysis (ANSP), *Journal of Materials Science: Materials in Electronics* 28 (2017) 11473
6. Vijayan Gopala Krishnan, Annadurai Purushothaman, and Palaniappan Elango, A study of the physical properties and gas-sensing performance of TiO₂ nanofilms: Automated nebulizer spray pyrolysis method (ANSP), *Physica Status Solidi A*, 214(2017) 00020
7. V Gopala Krishnan, P Elango, M Ragavendar, P Sathish and G Gowrisankar, Effect of doping on the surface modification of nebulizer sprayed Ba_xZn_{1-x}O nanocrystalline thin films. *Materials Research Express* 4 (2017) 036401
8. V. Gopala Krishnan, P. Elango, V. Ganesan, P. Sathish, pH deeds on structural, optical, electrical and gas sensing performance of TiO₂ nanofilms by automated nebulizer spray pyrolysis technique, *Optik* 127 (2016) 11102