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

| i) General Information | | | | |
|------------------------|------------------------|---|--|---|
| a |) Name | : | G.Umadevi | _ |
| b | / | : | 71/1, 10 th Cross Thirumgal Nagar, Peelamedupudur, Coimbatore-641004 Phone:9843740967 | |
| c |) Designation | : | Associate Professor | |
| d |) Department | : | Physics | |
| e |) Date of Birth | : | 07.05.1967 | |
| f | Area of Specialization | : | Solid State Physics(Thin Films) | |



A) Academic Qualifications

| Exam. passed | Subjects | Board/University | Year | Division/ |
|-----------------------------|---|-----------------------|---------|-------------------|
| | | | | Grade/Me rit etc. |
| High School | Tamil, English, Maths, Science, History & Geography | State board | 1981-82 | I |
| Higher secondary | Physics, Maths, Chemistry | State board | 1982-84 | I |
| Bachelor's Degree B.Sc | Physics | Bharathiar University | 1984-87 | I |
| Master's Degree M.Sc | Physics | Bharathiar University | 1987-89 | I |
| Research Degree(s) 1.M Phil | Physics | Bharathiar University | 1989-90 | I |
| 2. Ph.D | Physics | Bharathiar University | 2011 | |

ii) Research Experience & Training

| Research | Title of the Work/Thesis | University Where the Work was Carried out |
|---|---|--|
| M.Phil. | Vibrational analysis of heterosubstituted cyclopolysilanes | Bharathiar University |
| Ph.D. | Synthesis & characterization of protonic acids doped polyaniline by electrochemical & chemical oxidation method | Bharathiar University |
| Post Doctoral | | |
| Publication (give a list separately) | List enclosed | |
| Research Guidance (give names of Students guided successfully) | M.Phil 1. K. Rajkala 2. S. Ramya 3. V. Vijayarahavan 4. M. Sathya 5. S. Sathishkumar 6.M. Vanitha 7. P. Vanitha Ph.D 1. A. Karthick 2. S. Vijayan | Completed Pursuing |
| 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

| | Name of University/ | |
|----------------|-----------------------|-----------|
| Courses Taught | College/Institution | Duration |
| U.G: B.Sc | Madras University | 1992-1996 |
| | Bharathiar University | 1996-1999 |
| | Bharathiar University | 1999-2006 |
| PG | Bharathiar University | 2006-2019 |
| M.Phil. | Bharathiar University | 2012-2019 |
| Any other | Bharathiar University | 2012-2019 |

Total Teaching Experience (in years and months):

| a) | Under-Graduate (Pass) | : | 27 |
|----|-----------------------|---|----|
| b) | Under-Graduate (Hons) | : | |
| c) | Post-Graduate | : | 13 |

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

| a) | Design of curriculum | : | |
|----|----------------------------------|-----|--|
| 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: NSS programme officer (2006-2014)
- 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

| b) Positions held / lead | lership role played in | organizations | linked with | Extension | Work National | Service Schen |
|---------------------------------|------------------------|---------------|-------------|-----------|---------------|---------------|
| (NSS), or NCC or any | other similar activity | | | | | |

NSS Progam officer (2006-2014) – 8 years

D. Participation in Corporate Life

Please give a short account your contribution to:

| a) College/ University / Institution | |
|---|--|
| b) Co-curricular Activities | President- Aazh iMagalir Mempattu nalaSangam |
| c) Enrichment of Campus Life (Hostels, sports, games, cultural activities) | Sports Committee Member |
| d) Students Welfare and Discipline | |
| e) Membership / Participation in Bodies / Committees on Education and National | |
| Development Development | |
| f) Professional Organization of Teachers | |

- **E.** (a) Membership of Professional Bodies, Societies etc: Member in Indian Association of Physics Teachers (IAPT)
 - (b) Editorship of Journals

F. Any other information

(Signature of the Teacher)

Appendix- A

List of Publications- Dr. G.Umadevi, department of physics

- 1. Effect of copper concentration on the physical properties of copper doped NiO thin films deposited by spray pyrolysis. Materials chemistry and physics 191, 181-187 (2017)
- 2. Transparent conducting p-type NiO:Li thin films prepared by spray pyrolysis technique JETIR Volume 5, issue 9, 2018
- 3.Preparation and optoelectrical properties of spray pyrolyzedNiO thin films. Int. Jour. Of creative research thoughts, 6, 1 (2018)
- 4. Structural and optical properties of Zn_2SnO_4 Thin films prepared by spray pyrolysis, J.Environ. nanotechnol. Volume 3, No.3 pp. 104-108
- 5. Concentration dependent structural, morphological, spectral, optical and electrical properties of Spray pyrolyzedNiO thin films. Silicon, DOI 10.1007/s12633-017-9716-9(2017)
- 6. Structural, Optical and Antibacterial Activity studies of Sn doped ZnOThinfilms prepared by Chemical Pyrolysis Technique, IJRAR December 2018, Volume 5, Issue 4, 2018.