

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

i) General Information

- a) Name : Dr. I. REETA MARY
 b) Address : 2B, Housing Unit,
 (Residential) Race Course, Coimbatore-641018
 Phone:99944 43954
 c) Designation : Associate Professor
 d) Department : Physics
 e) Date of Birth : 26.01.1976
 f) Area of Specialization : Nanoscience



A) Academic Qualifications

Exam. passed	Subjects	Board/University	Year	Division/ Grade/ Merit etc.
High School	Tamil, English, Maths, Science, History & Geography	State Board	1991	Distinction
Higher secondary	Tamil, English, Physics, Maths, Chemistry, Biology	State Board	1993	Distinction
Bachelor's Degree (s) B.Sc	Physics	Bharathidasan University	1996	Distinction
B.Ed	Physical Science	Madras	1999	II
Master's Degree (s) M.Sc	Physics	Madras	1998	I
Research Degree (s) Ph.D	Physics- Nanoscience & Technology	Bharathiar University	Feb 2016	NA
Other Diploma/ Certificates	SLET	Bharathidasan University	1998	Eligible

ii) Research Experience & Training

Research	Title of the Work/Thesis	University Where the Work was Carried out
M.Phil.	-----	-----
Ph.D.	Morphological Evaluation of Hydroxyapatite/Metal Oxide Nanocomposites and Their Surface Reactivity for Photocatalysis and Heavy Metal Removal	Bharathiar University
Post Doctoral	-----	-----
Publications (give a list separately)	<p>1. Processing and properties of sol-gel derived alumina carbon nanotube composites, Ceramic International (2012)</p> <p>2. Novel multiform morphologies of hydroxyapatite: Synthesis and growth mechanism, Applied Surface Science, 361, (2016) 25-32</p> <p>3. Surfactant-free solvothermal synthesis of Hydroxyapatite nested bundles for the effective photodegradation of cationic dyes, Journal of Physics and Chemistry of Solids 116 (2018) 180–186</p>	
Research Guidance (give names of Students guided successfully)	R. Leethiyal - M.Phil P. Sekar – M.Phil	Bharathiar University
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 Seminars/ Conferences/Symposia Workshops, etc.	Name of the Sponsoring Agency	Place and Date
	List enclosed	

iii) Teaching Experience

Courses Taught	Name of University/ College/Institution	Duration
U.G: B.Sc	Fatima College, Madurai	04.08.1999 - 12.06.2000
	Kundavai Natchiar Govt. Arts College, Thanjavur	28.08.2000 - 02.07.2001
	LRG Govt. Arts College, Tiruppur	03.07.2001 - 11.07.2006
	Govt. Arts College, Coimbatore	12.07.2006 - till date
PG	Govt. Arts College, Coimbatore	12.07.2006 - till date
M.Phil.	Govt. Arts College, Coimbatore	17.07.2017- till date
Any other	-----	-----

Total Teaching Experience (in years and months):

a)	Under-Graduate (Pass)	:	19 years 6 months
b)	Under-Graduate (Hons)	:	-----
c)	Post-Graduate	:	12 years 9 months

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

a)	Design of curriculum	:	Actively participated in Curriculum Designing of Physics Department of Govt. Arts College, Coimbatore.
b)	Teaching Methods	:	Demonstration, Lecturing, Project guidance, Using AV equipments, Quiz , Seminars, etc.
c)	Laboratory experiments	:	Demonstration , Encouraging innovations, etc.
d)	Evaluation Methods	:	Monthly Tests, Assignments, Model Exams, Quiz Competitions, etc.
e)	Preparation of resource material	:	Lecture notes from text books and reference books
f)	Remedial Teaching / Students	:	Individual counseling and guidance
g)	Any other	:	Exposing the students to new fields of Physics

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.:

Contributed to Gujarat relief fund - 2001, conducting special classes for weak students, Helping students to develop their scientific skills, etc.

ii) National Literacy Mission

Motivating the students of the college regarding AIDS awareness rally, anti tobacco rally, rain water harvesting rally, etc.

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

(i) Chief guest in National Science Day, Feb – 2018, in Shri Ranganathar Institute of Polytechnic College, Coimbatore.

(ii) Judge in Science Exhibition in Carmel Garden Matric. Higher Sec. School, Coimbatore.

D. Participation in Corporate Life

Please give a short account your contribution to:

a) College/ University / Institution	Regular participation in all college activities
b) Co-curricular Activities	Tutor and Counsel for a batch of students every year, participation in sports day events, etc.
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	Active participation in all events
d) Students Welfare and Discipline	Guidance and counseling
e) Membership / Participation in Bodies / Committees on Education and National Development	1. Incharge of Department Library 2006-2010 2. Member of organizing committee, “Workshop on Nonlinear Dynamics”, 09-10 Feb 2007 3. Member of organizing committee, “ Workshop on Physics of Thin films”, 05-06 Feb 2008 4. Volunteer in Explore the Frontiers of Space –“Space Festival”, Bharathiar University, 09-14 July 2012
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)

ENCLOSURE

Dr. I. REETA MARY, Associate Professor of Physics, GAC, CBE.

C. Seminars, Conferences, Symposia, Workshops etc., attended

Name of the Seminar/Workshop	Name of the Sponsoring Agency	Place and date
State level seminar on "Recent Developments in Physics and Communication"	Maharaja College for Women, Perundurai.	Maharaja College for Women, Perundurai. 28 January 2003
State level seminar on "Super Ionic Conductors and its Applications"	UGC	Sri GVG Visalakshi College for Women, Udumalpet. 13 October 2004
Workshop on "Nonlinear Dynamics"	Indian Academy of Sciences and Govt. Arts College, Coimbatore.	Govt. Arts College, Coimbatore. 09-10 February 2007
Workshop on "Physics of Thin Films"	Govt. Arts College, Coimbatore.	Coimbatore. 05-06 February 2008
International Seminar on "Nanostructures for Electronics and Biomedical Applications"	Department of Nanoscience and Technology, Bharathiar University, Coimbatore.	Bharathiar University, Coimbatore. 09 January 2009
National Seminar on "Recent Advances in Nano Science"	TNSCST, TANCHE & PSGR Krishnammal College for Women, Coimbatore.	PSGR Krishnammal College for Women, Coimbatore. 16-17 December 2009
National Conference on "Multifunctional Nanomaterials and Nanocomposites"	Department of Nanoscience and Technology, DRDO-BU Center for Life Sciences, Bharathiar University, Coimbatore.	Bharathiar University, Coimbatore. 04-05 February 2010
An Indo-Italian Advanced Level Workshop on "Semiconductor Nanostructures, Ultrathin films and Applications"	Anna University, Chennai & Embassy of Italy, New Delhi.	Anna University, Chennai. 08-10 September 2010
International Workshop on "Advanced Functional Nanomaterials"	Centre for Nanoscience and Technology, Crystal Growth Centre and Centre for International Affairs, Anna University, Chennai.	Anna University, Chennai. 21-24 February 2011
National Level Workshop on "Nano Measurements"	DRDO, BRNS, CSIR, DST, and TNSCST.	NGM College, Pollachi. 15-16 September 2011
National Conference on "Advanced Nanomaterials"	Centre for Nanoscience and Nanotechnology, Periyar University, Salem	Periyar University, Salem. 06-07 February 2012

National Workshop on Advanced Instruments for Characterization	Department of Nanoscience and Technology, Bharathiar University, Coimbatore.	Bharathiar University, Coimbatore. 27 March 2012
Explore the Frontiers of Space - Space Festival (Volunteer)	Bharathiar University, Coimbatore.	Bharathiar University, Coimbatore. 09-14 July 2012
International Conference on Research in Condensed Matter Physics	Department of Theoretical Physics, University of Madras and Graduate School of Engineering, Mie University, Japan.	University of Madras, Chennai. 01-03 October 2012
Third National Conference on Multifunctional Nanomaterials and Nanocomposites	Department of Nanoscience and Technology, Bharathiar University, Coimbatore.	Bharathiar University, Coimbatore. 25-26 February 2013
3 rd International Congress on Global Warming on Biodiversity of Insects: Management and Conservation Strategies	Department of Zoology, Bharathiar University, Coimbatore.	Bharathiar University, Coimbatore. 26 -28 November 2013
National Symposium on Science of Nano - "SCINO' 13"	Department of Nanoscience and Technology, Bharathiar University, Coimbatore.	Bharathiar University, Coimbatore. 06-07 December 2013
National Seminar on Physics of Modern Materials (Presented)	Department of Physics, P.K.R Arts College for Women, Gopichettipalayam.	P.K.R Arts College for Women, Gopichettipalayam. 06 January 2015
National Conference on Advanced Materials (NCAM-2015) (Presented)	Department of Physics and Electronics, St. Joseph's College, Tiruchirappalli.	St. Joseph's College, Tiruchirappalli. 06 February 2015
National Seminar on Advanced Materials and Applications (Presented)	Department of Physics, Karpagam University, Coimbatore.	Karpagam University, Coimbatore. 12-13 February 2015
UGC Sponsored National Level Conference on Advanced Materials (NCAM-2015) (Presented)	Department of Physics, Sri.G.V.G. Visalakshi College for Women, Udumalpet.	Sri.G.V.G. Visalakshi College for Women, Udumalpet. 18-19 February 2015
National Conference on Emerging Sensor Devices, Materials & Technologies (NCESDMT-2017) (Presented)	Department of Physics, Chikkanna Government Arts College, Tiruppur.	Chikkanna Government Arts College, Tiruppur. 19-20 January 2017

National Conference on Recent Advances in Physics (NCRAP-2017) (Presented)	Post graduate department of Physics, Namakkal.	Namakkal Kavignar Ramalingam Government Arts College for Women, Namakkal. 20 September 2017
International Conference on Advanced Materials for Technological Applications (Presented)	Department of Physics & Chemistry, PSGR Krishnammal College for Women, Coimbatore.	PSGR Krishnammal College for Women, Coimbatore. 03-05 January 2018
National Conference on Emerging Materials and Methods for Advanced Applications (NCEMMAA-2018) (Presented)	Department of Physics, Periyar University, Salem.	Periyar University, Salem. 01-02 March 2018
National Conference on Advances in Materials Science and Engineering for Societal Applications (Presented)	Department of Physics & Chemistry, Sri Ramakrishna Engineering College, Coimbatore.	Sri Ramakrishna Engineering College, Coimbatore. 18-20 July 2018