

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

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i) General Information

- a) Name : **Dr. B. BINDU**
- b) Address (Residential) : 3/17A, KPG Garden , Sular, Coimbatore
- c) Designation : Associate Professor of Chemistry
- d) Department : PG & Research Department of Chemistry
- e) Date of Birth : 24/11/1971
- f) Area of Specialization : ORGANIC CHEMISTRY

A) Academic Qualifications

Examination passed	Board / university	Subject	Year	Division grade/merit etc.,
High School	CBSE		1987	First Class
Higher Secondary School	CBSE	Science & Maths	1989	First Class
Bachelor's Degree	Bharathiar, Coimbatore	Chemistry	1992	First Class
Master's Degree	Bharathiar Coimbatore	Chemistry	1994	First Class
Ph.D	Bharathiar Coimbatore	Chemistry	2022	
Others B.Ed	Avinashlingam Coimbatore	Physical Science	1995	First Class
UGC-CSIR-NET	-	-	Dec 1995	Passed
Accounts test for Executive officers	TNPSC	Accounts Test	28. Dec 2009	Passed

C) Seminars, Conferences, Symposia Workshops etc. attended

Research stage	Title of thesis	University where the work was carried out.
M.Phil		
Ph.D	Nitrogen Heterocyclics - <i>Synthesis, Characterisation and Pharmacological Studies of Substituted Quinolino Carboxamides and Piperazines</i>	Government Arts College (A), Coimbatore-18 Bharathiar University
No of Publication	Two international journals	
Research guidance(give the names of students guided successfully)		
Training(please specify)	[1]. Orientation Program, 30/10/2001 to 26/11/2001. <i>(Four Weeks)</i>	ASC, Bharathiar University, Coimbatore.
	[2]. Refresher Course in Environmental Sciences 15/10/2004 to 4/11/2004	ASC, Bharathiar University, Coimbatore
	[3]. Intensive Refresher course for College teachers Duration 06/12/2004 to 10/12/2004. <i>(One Week)</i>	PSGCAS, Peelamedu, Coimbatore
	[4]. Refresher course in Chemistry 20/01/2010 to 9/02/2010	ASC, Bharathiar University, Coimbatore
	[5]. Refresher course in Chemistry 16/8/2013 to 5/9/2013	ASC, Bharathiar University, Coimbatore

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

Name of the Seminars / Conferences / Symposia / Workshops etc	Name of the Sponsoring Agency	Place and Date
A Workshop on “ An Introduction to computational chemistry and molecular modelling”	Dept. Polymer Engineering	Amrita School Engineering Coimbatore 28 & 29 July 2006
A National Level seminar on Nano Technology and Nano-materials – promises and Challenges- NASNAM- 2007	UGC	Department of Physics , PSGR Krishnammal College, Coimbatore. 13 Sep 2007
National Training cum Workshop on Analytical & Technical Advancement in AAS & GC (WATA – AG)	Bharathidasan . Trichy	Bharathidasan , Trichy 24 & 25 Jan. 2012
National Seminar on Chemistry - Transition-2015	Central University, Thiruvarur	Department of Chemistry 13 & 14 March 2015
Omsri-2019 National Conference	CSIR-UGC IIT Roorki	IIT, Roorki UthraKand, UP 8-10 Feb 2019

iii) Teaching Experience

Courses Taught	Name of University/ College/Institution	Duration	
		Period of employment From - To	Years of Experience
BSc., Chemistry	Aringar Anna Government Arts College, Cheyyar	19.04.1999 to 03.07.2000	1 year
BSc., Chemistry	LRG. Government Arts College for Women, Tiruppur	03.07.2000-16.07.2010	10 years
BSc., Chemistry & MSc., Chemistry	Government Arts College (A), Coimbatore-18	16.07.2010 to till date	13 years

etc.

a)	Under-graduate	24 years
b)	Post-graduate	13 years
c)	Research	12 years

v) Innovations/ Contributions in Teaching

a) Design of Curriculum :	Subject expert member Board of Studies
b) Teaching methods :	Lecture, Demonstration, Field Visit, Assignment, seminar, Discussion, use of OHP, Powerpoint assignment , use of library, Interactive Sessions
c) Laboratory experiments :	Demonstration, individual practice
d) Evaluation methods :	Monthly tests, Model exams ,quizzing,Conducting seminar, allotting assignment, Problem Solving Exercises. Conducting Quiz Program
e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	Assisting students to collect study materials relevant to subjects, Downloading from internet, study material in Tamil
f) Remedial Teaching / Student Counseling (academic) :	Remedial coaching classes for academically weak students, academic and career counselling, Parental Counselling, Finding out their Problems, Initiating Positive Thinking, Encouraging, Tutorial Method providing Moral Support
g) Any other :	Part of tutorial system- that aims at the holistic development of the student

etc.

v) Research Contribution

a). PhD/M.Phil undergoing scholars

Sl. No	Name of the PhD/ M.Phil(PT/FT) Scholar	Name of the University	Broad Field	Registrati on Number	Year of registrati On

b). PhD/M.Phil Awarded

Sl.No	Name of the PhD/M.Phil (PT/FT) scholar	Name of the University	Title of the thesis	Year of registration of the scholar	Year of award of PhD

IX) Extension Work/ Community Service

A) Please give a short account of your contribution to: Community service

Created awareness among students about the socio-economic problems, environmental issues, Contributed towards relief to physically challenged children , relief toward natural disasters like tsunami, earthquakes, floods etc.

Participated in National census Programme 2009-2010

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

Secretary Student Cooperative Society –LRG Tirupur

Quiz Club, Class tutor (2011-2013) , (2014-2017), (2022-2024)

C. Participation in Corporate Life

Please give a short account your contribution to:

a) College/ University / Institution	Admission work, library in charge, Additionally helping the Principal, HOD and Colleagues in Organising Seminars, Conducting Internal and External Exams, Valuation, maintaining discipline in the campus Cordinator Conducting Remedial Coaching Classes Department Coordinator for TANSICHE Soft Skill Programme Member NAAC Committee
b) Co-curricular Activities	Encouraging students to participate in inter collegiate competition Conducting Quiz competition

etc.

c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	Encouraging student in participation in fine arts and cultural activities and sports
d) Students Welfare and Discipline	Conducting tutorial, Ward meetings and counselled students
e) Membership / Participation in Bodies	1) Member, Vidyalaya Management Committee , Kendriya Vidyalaya Sullur. 2) Subject Expert in Interview for School Teachers in Kendriya Vidyalaya, Sullur. 3) TRB Confidential Work (2021)
f) Professional Organization of Teachers	

E. Any other information

1. Subject Expert for Career Advancement Screening Committee for Government and Aided Colleges
2. TRB Certificate Verification for Assistant Professor

List of Publications:

1. Discovery, synthesis and molecular substantiation of N-(benzo[d]thiazol-2-yl)-2-hydroxyquinoline-4-carboxamides as anticancer agents., **B.Bindu** and S.Vijayalakshmi., *Bioorganic Chemistry*, volume 91, 103171 (2019)
2. Synthesis and discovery of triazolo-pyridazine-6-yl-substituted piperazines as effective anti-diabetic drugs; evaluated over dipeptidyl peptidase-4 inhibition mechanism and insulinotropic activities. **B.Bindu** and S.Vijayalakshmi. *European Journal of Medicinal Chemistry*, 111912 (2019).