

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

i) General Information

- a) Name : Dr. V.A. Vijayageetha
b) Address (Residential) : 16, Malligai Garden, Muthu Nagar,
Thudiyalur, Coimbatore-641034
c) Designation : Assistant Professor
d) Department : Physics
e) Date of Birth : 09.03.1974
f) Area of Specialization : Spectroscopy, Condensed matter physics,
Nanotechnology



A) Academic Qualifications

Exam. passed	Subjects	Board/University	Year	Division/Grade/Merit etc.
High School	Tamil, English, Maths, Science, Social Science	Board of Secondary Education, Tamil Nadu	1989	I
Higher secondary	Tamil, English, Maths, Physics, Chemistry, Biology	Board of Hr. Secondary Education, Tamil Nadu	1991	I
Bachelor's Degree B.Sc	Physics	Bharahiar University	1994	I
Master's Degree M.Sc	Physics	Bharahiar University	1997	II
Research Degree(s) 1. M Phil	Physics	Bharahiar University	2002	Degree Awarded
2. Ph.D	Physics	Bharahiar University	2022	Degree Awarded

ii) Research Experience & Training

Research	Title of the Work/Thesis	University Where the Work was Carried out
M.Phil.	Vibrational Structural Study of Succinic Acid	Bharathiar University
Ph.D.	Water Purification by using Nanotechnology	Bharathiar University
Post Doctoral		
Publication (give a list separately)	- Attached Separately-	
Research Guidance (give names of Students guided successfully)		
Training (Please specify)		

B) Seminars, Conferences, Symposia Workshop 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	Government Arts College, Udumelpet	July 2009-July 2010
	Chikkanna Government Arts College, Tirupur	July 2010- Jan 2026
	Government Arts College, Coimbatore	2026-till date
PG: M. Sc	Government Arts College, Udumelpet	July 2009-July 2010
	Chikkanna Government Arts College, Tirupur	July 2010- Jan 2026
	Government Arts College, Coimbatore	2026-till date
M.Phil.	Government Arts College, Udumelpet	July 2009-July 2010
	Chikkanna Government Arts College, Tirupur	July 2010- Jan 2026
	Government Arts College, Coimbatore	2026-till date
Any other		

Total Teaching Experience (in years and months):

- a) Under-Graduate(Pass) :17 years
b) Under-Graduate(Hons) :
c) Post-Graduate :17 years

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

a)	Design of curriculum	:	➤ Define learning objectives (knowledge, skills, attitudes). ➤ Sequence topics from fundamentals → advanced concepts. ➤ Integrate theory with practical applications. ➤ Include interdisciplinary links (e.g., physics with engineering, biology with chemistry). ➤ Member BOS- Bharathiar University
b)	Teaching Methods	:	➤ Lectures with multimedia support. ➤ Interactive discussions and problem-solving sessions. ➤ Case studies and project-based learning. ➤ Blended learning (online + offline). ➤ Peer teaching and group activities.

c)	Laboratory experiments	:	➤ Hands-on experiments aligned with theory. ➤ Use of simulation software for complex setups. ➤ Emphasis on safety protocols. ➤ Encourage design of mini-projects by students. ➤ Maintain lab records/logbooks for evaluation.
d)	Evaluation Methods	:	➤ Formative assessment: quizzes, assignments, presentations. ➤ Summative assessment: exams, lab reports, project submissions. ➤ Continuous assessment: participation, attendance, group work. ➤ Rubrics for transparent grading. ➤ Incorporate self and peer evaluation.
e)	Preparation of resource material	:	➤ Develop lecture notes, slides, and handouts. ➤ Curate open-source references and e-books. ➤ Create video tutorials and recorded demonstrations. ➤ Maintain question banks for practice. ➤ Provide lab manuals with step-by-step procedures.
f)	Remedial Teaching/Students	:	➤ Identify students needing extra help via diagnostic tests. ➤ Conduct bridge courses or extra classes. ➤ Offer mentoring and counseling. ➤ Provide simplified notes and practice problems. ➤ Encourage peer-assisted learning.
g)	Any other	:	➤ Organize seminars, workshops, and guest lectures. ➤ Promote industry collaboration for internships. ➤ Encourage research projects and publications. ➤ Integrate ICT tools (LMS, online quizzes, virtual labs). ➤ Foster soft skills: communication, teamwork, ethics.

ix) Extension Work/Community Service (If necessary give a separate list)

Acted as resource person to train school teachers through government orientation programs. Actively involved in seminars, workshops, industry collaborations, and research projects.

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

Participation Corporate Life

Please give a short account our contribution to:

a) College/ University/Institution	actively engaged in teaching, research, and scientific visualization projects. Served as resource person for Government of Tamil Nadu orientation programmed to train school teachers. Conducted Science Exhibition with TNSCST. Acted as resource Person in Women Cell.
b) Co-curricular Activities	Organized seminars, workshops, and guest lectures. Guided students in science exhibitions and project competitions. Encouraged participation in debates, paper presentations, and outreach programs. Served as EDP cell member. Conducted Solar Eclipse workshop.
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	Supported cultural festivals and science clubs. Promoted student involvement in sports and games. Assisted in hostel academic mentoring and cultural event coordination. Served as Vice President of Fine Arts Club of Chikkanna Government Arts College
d) Students Welfare and Discipline	Provided mentoring and counseling for academic and personal growth. Conducted remedial classes and bridge courses. Actively involved in maintaining discipline and fostering a positive campus environment.
e) Membership/Participation in Bodies/ Committees on Education and National Development	Acted as resource person in government-sponsored teacher training programs. Participated in educational committees and initiatives for curriculum development and national educational improvement.
f) Professional Organization of Teachers	Member of professional associations in physics. Contributed to teacher development programs, orientation sessions, and collaborative academic networks.

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

(b) Editorship of Journals

F. Any other information

Honored with SALIS (Society of Advanced Library and Information Science) -Ambassador award for the year 2023

List of Publications

1. **V.A. Vijaya Geetha**, V. Annamalai, V.N. Janakarajan, N. Bhuvaneshwari, Senthilkumar, *Comparison of Physical and Chemical Parameters of Raw Spent Wash Distillery Water Before and After Nano Filtration, With That of Reverse Osmosis Human Drinking Water*, Poll Res. 40 (3): 934-943 (2021)
2. V. Senthil Kumar, Haresh M. Pandya, **V.A. Vijayageetha**, **V.N. Janakarajan**, **V.N. Rajaguru**, *Observation of Physico-Chemical Parameters of Soil from Erode Canal in Erode District, Tamil Nadu, India*, Poll Res. 40 (4): 1567-1573 (2021)
3. **V.A. Vijayageetha**, V. Annamalai, Haresh M. Pandya, A. Pandiarajan, M.S. Dheenadhayalan, V.N. Janakarajan, *The Study of Removal of Heavy Metals in Polluted Water Using Nanotechnology*, Poll Res. 40 (2): 641-645 (2021)
4. **V. A. Vijayageetha**, V. Annamalai, A. Pandiarajan, and M. S. Dheenadayalan, "A study on the nanotechnology in water and waste water treatment," IOSR Journal of Applied Physics, vol. 10, no. 4, Ver. II, pp. 28–31, 2018.
5. K. Kousalya, **V. A. Vijayageetha**, M. S. Dheenadayalan, A. Pandia Rajan, and R. Nandagopalakrishnan, "A study of the quality of ground water from Maruthanikkulam area due to flow of industrial effluent and sewage at Pillaiyar Natham of Dindigul District," *Journal of Environmental Nanotechnology*, vol. 3, no. 2, pp. 168–172, 2014. doi: 10.13074/jent.2014.03.142076.
6. **V. A. Vijayageetha** K. A. Pandia Rajan, S. Philip Arockiaraj, V. Annamalai, V. N. Janakarajan, M. D. Saravana Balaji, and M. S. Dheenadayalan, "Treatment study of dyeing industry effluents using reverse osmosis technology," *Research Journal of Recent Sciences*, vol. 3, pp. 58–61, 2014.

E.ResearchExperienceandTraining/ResearchGuidance

Research stage	Nameof theStudent	University
M.Phil	N. Preetha	Bharathiar university
M.Phil	S.Valliyammal	Bharathiar university
M.Phil	N Bhuvaneshwari	Bharathiar university
M.Phil	G Mythily	Bharathiar university