

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

A. General information :-

- a) Name : Dr. G. ARULPRAKASH
- b) Address (Residential) : A-16, Phase I
Kurichi Housing Unit, SIDCO post
Coimbatore- 641 021.
- c) Designation : Assistant Professor
- d) Department : CHEMISTRY
- (e) Date of Birth : 25/06/1971
- f) Area of Specialization : Synthetic Organic and Medicinal Chemistry



B. Academic Qualifications

Exam.passed	Board/University	Subjects	Year	Division/ Grade/Merit etc.
High School	Board of secondary Education	Tamil, English, Mathematics, Science & Social Science	1986	II st Class
Higher secondary or Pre-Degree	Board of Higher secondary Education	Tamil, English, Maths, Physics, Chemistry and Biology	1988	I st Class
Bachelor's Degree(s)	Bharathiar University	Chemistry	1992	I st Class
Master's Degree(s)	Bharathiar ^{University}	Chemistry	1994	I st Class

Research Degree(s) (i) Ph.D	Bharathiar University	Chemistry	2002	Highly Commended.
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C) RESEARCH EXPERIENCE & TRAINING

Sl. No.	Research	Stage	Title Of Work/Thesis	University Where The Work Was Carried Out
1	M.Phil.	-	-	-
2	Ph.D.	Completed	Synthetic Studies On Nitrogen Heterocycles	Bharathiar University
3	Post – Doctoral	-	-	-
4	Publication (Give A List Separately)	List Enclosed (Appendix A)		
5	Research Guidance (Give Names Of Students Guided Successfully)			
	i) Akilendeswari (M.Phil Degree)	Completed	Studies On The Synthesis Of Pyrazolo(4,3-C)Quinoline And Evaluation Of Their Antimicrobial Activities	Bharathiar University
	ii) S.Vanitha (Ph. D)	Completed	Studies of Epiphyllum Oxpentalum (CACTACE)waste activated carbon as an adsorbent for the removal of dyes from aqueous solution and industrial effluents	Bharathiar University
	(Iii) T. Rajalakshmi (M.Phil Degree)	Completed	Synthesis and characterization of Pyrazolo (4,3-c)Quinoline and Evaluation	Bharathiar University
6	Training (Please Specify)	-	-	-

D. Research Projects carried out

Title of the project	Name of the Funding Agency	Duration	Remarks
Synthesis and Biological Screening of Quinoline Derivative as Potential ATP- Competative Kinase Inhibitor PRINCIPAL INVESTIGATOR	DRDO (14.855Lakhs)	3years	Completed
Synthesis and Characterization of Novel Achiral Liquid Crystal CO- INVESTIGATOR	DRDO (12.13Lakhs)	3years	Completed

E. Seminars, Conferences, Symposia, Workshops etc. Attended: List enclosed (Appendix-C)

F. Teaching Experience: 15 Years 7 Months

Bannari Amman Insitute of Tech	:	September 2001-January 2005
Sathy (Lecturer in Chemistry) VIT University, Vellore (Senior Lecturer in chemistry) Govt Service	:	January 2005 – December 2007 December 2007-Till date

Total Teaching experience

a) Under-Graduate (Pass)	:	09 Years 7 months (Government Service) 15 Years (Private College Service)
b) Under-Graduate (Hons)	:	NA
c) Post-Graduate	:	12Years

G. Innovations/Contributions in Teaching:-

a) Design of curriculum	:	Board of studies member in VIT University, Vellore
b) Teaching Methods	:	Lectures, Group discussion, Seminar and Power point presentation.
c) Laboratory experiments	:	Conducting Practical experiment in the Laboratory
d) Evaluation Methods	:	Conducting frequent Tests, Assignment writing
e) Preparation of resource material	:	Prepared study materials for UG and PG.
f) Remedial Teaching / Students	:	Special attention given to slow learners

g) Any other : Motivating students to prepare higher studies, NET/SET coaching classes.

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|--|---|---|
| a) Design of curriculum | : | YES , Board of Members of UG & PG programme curriculum in Chemistry, Board of studies member in VIT Univesity, |
| b) Teachingmethods | : | Lectures, Group discussion, Seminar, Interactions, group discussions, Teaching through A/V aids, Industrial Visits and Internships (Trainings). |
| c) Laboratory experiments | : | Conducting Practical experiment in the Laboratory |
| d) Evaluation methods | : | Assessment Tests, seminars, Problem solving & Decision-making experiments, Paper presentation, Attentiveness of the student is Periodically watched, Projects |
| e) Preparation of resource Material including books, Reading materials, laboratory Manuals etc. | : | 1. Mainly prescribed text books
2. Consultation with senior professors
3. Journals and magazines
4. Internet, Magazines, News papers |
| f) Remedial Teaching/Student Counseling (academic) | : | Special coaching classes, Identifying students' problems, helping them in Solving problems, parental counseling |
| g) Any other | : | Periodical counselling to students of the Department/college in the Guidance and Counselling center. |

H. Extension Work/Community Service:-

- a) Please give a short account of your contribution to:
- i) Community work such as values of : Creating awareness about the basic

National integration, secularism, Democracy, socialism, humanism, Peace, scientific temper, flood or Drought relief, small family norms

values, Interpersonal skills, social skills and prosaically behavior among students and members in the community. etc.

ii) National Literacy Mission :

b) Positions held/Leadership role with Extension Work and National Service Scheme (NSS) or (NCC) or any other similar activity. : -

I. Participation in Corporate Life:-

Please give a short account of your contribution to: **YES**

a) College/University/Institution : Helping the Principal, HOD in the Departmental activities, Maintaining Discipline in the campus, Motivating the Students to join all the extra curricular Activities

b) Co-curricular Activities : Students Co-operative in charge, Received **BEST PERFORMING SHILD** from **Govt. of Tamilnadu** for our COOPERATIVE STORES

b) Enrichment of Campus Life : -

c) Students welfare and Discipline : Periodical counselling to the students, Their Parents and family members in The Guidance and Counselling center.

d) Membership/Participation in Bodies/ Committees on Education and National Development : Member- Board of studies, Syllabus framing, External and Internal examiner in Theory and practical examinations.

e) Professional Organization of Teachers. : ----

f) Members of professional bodies, Societies etc.. : -

g) Editorship of journals : -----

h) Any other information : -----

(Signature of the Teacher)

APPENDIX – A

Research Experience & Training : List of Publications

I. Publications (International / National):

1. Synthesis of 1,2,3,4-tetrahydrodibenzo[b,g][,8]naphthyridines:- **G. Arulprakash** and S.P. Rajendran, *Heterocyclic Communications*, 6., No. 1, 63, (2000).
2. A Convenient Synthesis of 8,9,10,11-tetrahydrodibenzo[b,h][1,6]naphthyridin-6(5H)one:- **G. Arulprakash** and S.P. Rajendran, *Heterocyclic Communications*, 7., No. 4, 353, (2001).
3. Synthesis of Cyclopenta[b]benzo[g]1,8]naphthyridines:- **G. Arulprakash**, N. Sampathkumar and S.P. Rajendran, *Asian Journal of Chemistry*, 14., No. 3, 1303, (2002).
4. A Convenient Synthesis of benzo[h]cyclopenta[b][1,6]naphthyridin-6(5H)ones:- **G. Arulprakash** and S.P. Rajendran, *Asian Journal of Chemistry*, 15, No.1, 500, (2003).
5. Synthesis of 6-Phenyl-1,2,3,4-tetrahydrodibenzo[b,g][,8]naphthyridines:- **G. Arulprakash** and S.P. Rajendran, *Oriental Journal of Chemistry*, 19 No.1, 173, (2003).
6. Synthesis of various 2-Allylbenzo[d]oxazo-3-(2H)one:- **G. Arulprakash**, Anand,V. Dhanasekaran and S. Guhanathan. *Indian Journal of Heterocyclic Chemistry*, vol.18, 85-86, 2008.

APPENDIX – C

E. Seminars, Conferences, Symposia Workshops etc. Attended:

PAPER PRESENTATION AT CONFERENCE / SYMPOSIUM

- 1 Utility of 2-chloro-3-formylquinolines, Part - III :- G. Arul Prakash and S. P. Rajendran - A Simple synthesis of 1-*p*-methoxy benzoyl pyrazolo(3,4-*b*)quinoline derivatives - paper presented as poster presentation in 33rd Annual convention of Chemists held in P.S.G. College of Technology, Coimbatore, India (1996).
- 2 Mass spectral fragmentation pattern of some quinoline derivatives, Part – I :- G. Arul Prakash, L. Ragnath and S.P. Rajendran - paper presented as poster presentation in 16th conference in Indian Council of Chemists, held at Mangalore, India (1997).
- 3 Reduction of quinoline derivatives, Part – I :- G. Arul Prakash, S. Angaiyarkanni and S.P.Rajendran - paper presented as poster presentation at 17th conference of Indian Council of Chemists held at Chennai, India (1998).
- 4 A simple synthesis of dibenzo[*b,g*][1,8]naphthyridines :- G. Arul Prakash and S.P. Rajendran - paper presented as poster presentation at National Symposium in Chemistry held at IISc., Bangalore, India (1999).
- 5 Evaluation and biocidal activity of 1,2,3,4-tetrahydrodibenzo[*b,g*][1,8] naphthyridines, Part-I:- G. Arul Prakash and S.P. Rajendran - paper presented as oral presentation in National Seminar on Newer Vistas in Bioactive Agents, Gandhigram, India (1999).
- 6 A Simple Synthesis of 8,9,10,11-tetrahydrodibenzo[*b,h*][1,6]naphthyridin-6(*5H*)ones:-G. Arul Prakash and S.P. Rajendran -paper presented as poster presentation in the National Seminar held at Indian Institute of Chemical Technology, Hyderabad, India (2000).
- 7 Synthesis of some fused Naphthyridines :- G. Arul Prakash and S.P. Rajendran – paper presented as poster presentation in the National Symposium held at Presidency College, Madras, India (2000).
8. Participated in the ISTE- XXXIII Annual Convention and National Seminar on “Reaching the Unreached: A Challenge to Technical Education”- Organised by Kumaraguru College of Technology, Coimbatore, India during 27-30 (December 2003).
9. Utility of 2-Chloro-3-formylquinolines:Synthesis of 2-Amino-4-oxo-1,3- thiazino(2,3-*b*)quinoline-1-oxides:- G. Arul Prakash and S.P. Rajendran - Paper presented as poster presentation in the International Symposium On Advances In Organic Chemistry (INSOC-2006) organized by Mahatma Gandhi University, Kottayam, Kerala, India during 19-12, January, 2006.

i. CONFERENCE PROCEEDINGS

1. **“Synthesis and Antimicrobial activity of 2-amino-4-oxo-1,3-Thiazino(2,3b)Quinolin-1-oxides” G. Arulprakash and N. Krithika** published in the National Conference Proceedings on ‘Impact of Bio-technology in Health Care and Industry’, 2011 (ISBN 9788190-770-262).
2. **“Synthesis of 5-methoxy dibenzo [b,g][1,8] naphthyridines & evaluation of their biological activity” G. Arulprakash and N. Krithika** published in the UGC National Conference Proceedings on ‘Frontiers in Spectroscopy”, 2012 (ISBN 978-93-80624-60-0) pp.131-135.