

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

i) General Information

a) Name : **Dr. MALATHY THANGAVELU**

b) Address (Residential) : 7/8, 3rd Cross street,
ChinthamanI
Nagar, Sai Baba
Colony Coimbatore-
641038

Mobile No : 9894557232

c) Designation : Associate Professor

d) Department : Mathematics

e) Date of Birth : 17-01-1976

f) Area of Specialization : FLUID DYNAMICS

A) Academic Qualifications



Exam Passed	Subjects	Board/ University	Year	Division/ Grade/ Merit, etc.
High School	Tamil. English, Mathematics, Science, History and Geography	Central Board of Secondary Education.	1992	I Class
Higher Secondary or Pre-degree	Tamil. English, Mathematics, Physics, Chemistry, Biology	Board of Higher Secondary Education, Tamilnadu.	1994	I Class
Bachelor's Degree (s)	B.Sc.-Mathematics	University of Madras	1997	I class
Master's Degree (s)	M.Sc.-Mathematics	University of Madras	2000	I class

Research Degree	M.Phil.,	Mathematics	University of Madras	2001	I Class
	Ph.D	Mathematics	VIT University	2016	
Other Diploma/ Certificates etc., (B.Ed.,)		Mathematics	University of Madras	1998	II Class(written) I Class (Practicals)

ii) Research Experience & Training

Research Stage	Title of work / Thesis	University where the work was carried out
M. Phil. or Equivalent	Lie Algebras upto dimension three	University of Madras
Ph. D.	Mathematical Models of pulsating flows of Newtonian and non-Newtonian fluids	VIT University
Post-Doctoral	NIL	
Publications (give a list separately)	Please refer Appendix - A	
Research Guidance (give names of students guided successfully)		
Training (please specify)		

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 (If necessary give a separate list)

Name of the Seminars / Conferences / Symposia / Workshops etc	Name of the Sponsoring Agency	Place and Date

iii) Teaching Experience

Courses Taught	Name of the University/ College / Institution	Duration
iv) Under Graduate (U.G)	Arignar Anna Govt. Arts College for Women, Walajapet.	26.12.2007- 30.6.2009
	Muthurangam Govt.Arts College, Vellore.	01.07.2009-01.08.2016
	L.R.G.Govt. Arts College for Women, Tirupur.	02.08.2016-12.06.2017
	Govt.Arts College, Coimbatore.	12.06.2017- Till date
v) Post Graduate (P.G)	Muthurangam Govt.Arts College, Vellore.	01.07.2009-01.08.2016
	L.R.G. Govt. Arts College for Women, Tirupur.	02.08.2016-12.06.2017
	Govt.Arts College, Coimbatore.	12.06.2017- Till date

vi) M.Phil (P.T)	Muthurangam Govt.Arts College, Vellore.	From 2012 onwards
vii) Any other	-	-

Total Teaching Experience (in years and months):

- a) Under-graduate (Pass) : 10 years
b) Under-graduate (Hons.) : Nil
c) Post-graduate : 8 years

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

a) Design of Curriculum :	Member of UG& PG Board of Mathematics, Muthurangam Govt. Arts College, Vellore.
b) Teaching methods :	Based mainly on Lecture method, use of chalk, Blackboard OHP, power point presentation and ICT.
c) Laboratory experiments :	When computer based subject is assigned, practicals are conducted
d) Evaluation methods :	Evaluation and assessment is done through monthly test, model examinations, assignments and seminars.
e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	Preparing teaching materials from books,journals and web sources
f) Remedial Teaching / Student Counseling (academic) :	Remedial classes are taken to the weak students after class hours. Student counseling isdone periodically on the lines of both academics and personal aspects required.

g) Any other :	Emphasize on the need of personality development and encourage the students to participate in extracurricular activities like NSS, RRC, YRC, etc...
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ix) Extension Work/ Community Service(If necessary give a separate list)

a) Please give a short account of your contribution to:

- i) **Community Service:** In addition to academics students are offered value education to mould them as good humans and citizens of the nation. Regular Financial help rendered to National disasters, organizations that run with the support of the public and needy.
- ii) **National Literacy Mission:** In the service of educating and empowering women. Students motivated towards transfer of knowledge.
- iii) **Positions held/Leadership role played in organizations liked with Extension work and National Service Scheme (NSS) or NCC or any other similar activity:** Nil

D. Participation in Corporate Life

Please give a short account your contribution to:

a) College/University/Institution	<ol style="list-style-type: none"> 1. Examiner(Theory and Practical)forUG &PGMathematics, TiruvalluvarUniversity. 2. QuestionPaperSetterinMGAC,Vellore. 3. RecognizedasM.PhilresearchguideinTiruvalluvarUniversity 4.ActedascareerguidanceofficerinAAACollegeforWomen,Walajapet. 5.Acted as Assistant superintendent forautonomousexaminMGAC,Vellore 6.MemberofBoardofstudies,MathematicsDept.,MGAC,Vellore.
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b) Co-curricular Activities	NIL
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	Participate in all activities connected with enrichment of campus life. Motivate the students towards moral and social values.
d) Students Welfare and Discipline	<p>Student's duties and responsibilities are addressed.</p> <p>The need and importance of discipline among students is widely discussed. I allow the students to meet me at any time to get my guidance and counseling.</p>
e) Membership / Participation in Bodies / Committees on Education and National Development	Member in the Board of Studies, MGAC, Vellore.
f) Professional Organization of Teachers	NIL

E.

- (a) Membership of Professional Bodies, Societies etc.
- (b) Editorship of Journals

F. Any other information

(Signature of the Teacher)

Appendix - A

List of Publications 2014

1. Analysis of Heat and Mass Transfer on Pulsatile flow in an inclined porous channel with thermal-diffusion and chemical reaction, **JP Journal of Heat and Mass Transfer**, Vol. No.1 (2014) 57-100.

2016

2. A note on thermal-diffusion and chemical reaction effects on MHD pulsating flow in a porous channel with slip and convective boundary conditions, **Journal of King Saud University–Engineering Sciences**, Vol. 28 (2016) 213-221.

2017

3. Chemical reaction and radiation effects on MHD pulsatile flow of an Oldroyd-B fluid in a porous medium with slip and convective boundary conditions, **Journal of porous media**, Vol. 20, No.3 (2017) 1-15.