

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

i) General Information

- a) Name: Dr. M. MUTHUSAMY
- b) Address (Residential): 3/276 E-1 SKV Nagar,
 Kalveerampalayam,
 Coimbatore.
- Mobile No.: 9486603869
- c) Designation: Associate Professor
- d) Department: Zoology
- e) Date of Birth: 27.06.1964
- f) Area of Specialization: Entomology



A) Academic Qualifications

Exam Passed	Subjects	Board/ University	Year	Division/ Grade/ Merit, etc.
High School	Tamil, English, Maths, Science, Social Science	SSLC	1980	I Class
Higher Secondary or Pre-degree	Tamil, English, Physics, Chemistry, Botany, Zoology	HSE	1983	I Class
Bachelor's Degree (s)	Zoology	Univerrrsity of Madras	1986	II Class
Master's Degree (s)	Zoology	Univerrrsity of Madras	1988	I Class
Research Degree (s)	Ph.D. Zoology	Bharathiar University	1998	Commended
Other Diploma/ Certificates etc.				

ii) Research Experience & Training

Research Stage	Title of work / Thesis	University where the work was carried out
M. Phil. or Equivalent		
Ph. D.	Studies on the effect of piperine on the physiology of tiger butterfly <i>Danaus chrysippus</i> (L.): Lepidoptera: Nymphalidae	Bharathiar University
Post-Doctoral		
Publications (give a list separately)	List attached	
Research Guidance (give names of students guided successfully)	List attached	
Training (please specify)	List attached	

B) Research Projects carried out

S. No.	Title of the Project	Name of the Funding Agency	Duration	Remarks
1	Developing the probiotic consortium to prevent and control disease in aquaculture	UGC		Co-investigator

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 attached		

iii) Teaching Experience

Courses Taught	Name of the University / College / Institution	Duration
iv) UG (BA / B.Sc., etc. Pass) (BA / B.Sc., etc. Hons.)	Govt. Arts College, Udhagamandalam	30.08.2000 to July 2001
	Chikkanna Govt. Arts College, Tirupur	July 2001 to Oct 2004
	Govt. Arts College, Coimbatore	Oct. 2004 – till date
v) PG (MA / M.Sc., etc.)	Govt. Arts College, Coimbatore	Oct. 2004 – till date
vi) M. Phil.		
vii) Any other		

Total Teaching Experience (in years and months) :

- a) Under-graduate (Pass) : 22 Years 8 Months
b) Under-graduate (Hons.) : NA
c) Post-graduate : `` 18 Years 7 Months

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

a) Design of Curriculum :	Setting of syllabus with reference to University
b) Teaching methods :	Lecture method, audio visual presentation, assignment and seminar methods
c) Laboratory experiments :	Conducting regular practicals for UG & PG students
d) Evaluation methods :	Conducting tests, seminars, assignments, questioning methods
e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	Preparing resource materials in native language
f) Remedial Teaching / Student Counseling (academic) :	Special attention given to slow learners
g) Any other :	Tutorial system

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.

ii) National Literacy Mission

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

D. Participation in Corporate Life

Please give a short account your contribution to:

a) College/ University / Institution	
b) Co-curricular Activities	
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	
d) Students Welfare and Discipline	
e) Membership / Participation in Bodies / Committees on Education and National Development	
f) Professional Organization of Teachers	

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

1. Research Board of advisor for the **American Biographical Institute, USA** in 1999.

2. **Zoo Outreach Organization**, India in 2008.

3. Life member in the **Indian Science Congress Association**. Kolkatta. India

(b) Editorship of Journals

F. Any other information

M. MUTHUSAMY

(Signature of the Teacher)

TRAINING

REFERESHER/ORIENTATION COURSES ATTENDED:

SL NO	SPONSORSHIP	ORGANISATION	CERTIFICATE OF PARTICIPATION	DATE	GRADE
1.	UGC	Academic Staff College. Bharathiar University Coimbatore-641 046.	Orientation Course	09.08.2002 To 05.09.2002	'A'
2.	UGC	Academic Staff College – Bharathiar University Coimbatore-641 046.	Refresher Course	21.08.2008 To 10.09.2008	'A'
3.	UGC	Academic Staff College – Bharathiar University Coimbatore-641 046.	Refresher Course	09.11.2010 To 21.11.2010	'A'
4.	Government of Tamil Nadu	Directorate of Collegiate Education.	Intensive Refresher course	22-11-04 To 26-11-04	

TRAININGS UNDERGONE

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SL.No	Position Held	Name Of The Workshop	Name Of the Institution	Duration	
				From	To
1.	Training to Govt. College teachers	Workshop cum Hands on Training on Basic Molecular Techniques.	Bharathiar University. Coimbatore-46	21-07-2012	27-07-2012
2.	Orientation programme	Recent trends in Biodiversity and Research and its Importance in Conservation and sustainable utilization	IFGTB. Coimbatore-02	06-08-2010	-
3.	Resource person for Secondary Grade Science Teachers.	In-Service Training Programme for the Secondary Grade Science Teachers.	TSCSTC. Chennai	04-01-2010	08-01-2010

DISSERTATIONS : .M.Phil.,

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SL.NO.	YEAR AND REGISTRATION NUMBER	NAME	TITLE OF THE THESIS
			BHARATHIAR UNIVERSITY
1.	30.11.2018 2018RO363	S.Sharbudeen	Studies On the Toxic Effect Of Three Botanicals Against The Insect Vectors <i>Culex quinquefasciatus</i> And <i>Aedes aegypti</i> Larvae (Diptera:Culicidae)
2.	April-2019 2017RO362 Result awaited	S.Sangeetha	Bio Control efficiency of <i>Pantala falvesciens</i> Nymphs and The Fishes <i>Gambusia affinis</i> & <i>Poecilia reticulata</i> On the three Common Mosquito Species (<i>Anopheles Stephensi</i> , <i>Culex quinquefasciatus</i> And <i>Aedes aegypti</i>)
3.	03.12.2018 2018PRO147	V.Ramya	Efficasy Of Larvicidal Activities Of <i>Ocimum americanum</i> (Lamiaceae) Plant Extract Against Three Vector Species (<i>Aedes aegypti</i> , <i>Culex Quinquefasciatus</i> And <i>Anopheles stephensi</i>)
4.	03.12.2018 2015PR0160	A.Ezhilselvan	Larvicidal Activity Of Neem Oil And <i>Acorus calamus</i> Against The Mosquito Vectors, <i>Aedes aegypti</i> , <i>Culex quinquefascuatus</i> And <i>Anophels stephensi</i> (Diptera: Culicidae)
5.	30-9-2014 2013 R 336	A .Tamil Selvi	Studies on the toxic effect of <i>Melia azedarach</i> (l.) seed ,leaf and root extract against <i>Helicoverpa armigera</i> (Hub.) (Lepidoptera ;Noctuidae)
6.	30-9.2013 2012R408	M. Merlin	Evaluation of five botanicals against the grasserie (<i>Bm NPV</i>) and fungus(<i>aspergillus</i>) disease of silk worm (<i>Bombyx mori</i> L.
7.	30-10-2012 2011 R 451	I. Shurfun Nisha	Food utilization ,toxic study and biochemical impacts of plant products and monocrotophous on <i>Spodoptera litura</i> (Fab.)
8.	2010R339 30.10.2011	R.Sathiskumar	Studies on the feeding parameters and larval mortality of <i>Euprectus fraternal</i> and <i>Notolophus posticus</i> treated with Neem+.Pongamia oil and <i>Melia azaderach</i> (L.)

9.	29.9.10 2009R1282	S.Muthuraja	Biology of Eucalyptus Gall Wasp <i>Leptocype invasa</i> Fisher & Ssle (Hymenoptera :Eulophidae) and The Gall Management by using the Extracts of <i>Melia azedarach</i> (L.) and <i>Piper longum</i> (L.)
	29.9.10	B.Easwari	-
10.	29.9.2009 2007R444	A,Sharmila Banu	The predatory potential of Australian lady bird Beetle <i>Cryptolamus mentrouzieri</i> Muisant(Colioptera :Coccinellidae) on the cotton Aphid <i>Aphis gossypii</i> Glover(homoptera:Aphidae)
11.	29.9.2009	Silambarasan	Studies on the Biology and feeding potential of <i>Cryptolaemus montrouzieri</i> Mulsant (Colioptera:Cocinellidae) on the mealy bugs <i>Macconellicoccus hirsutus</i> (Green) and <i>Ferrisa virgata</i> (kull).
12.	29.9.2007	Suresh Babu	Studies on the pathogenic effect of <i>Metarhizum anisopliae</i> (Metsch) Sorokin., <i>Beveria bassiana</i> (Balsoma) vuill. And the efficacy of <i>Piper longum</i> (L.) on the Banana Pseudostem weevil <i>Odoiporus longicollis</i> Oliv. (Colioptera:Curculionidae)
13.	30.12.2006	A.Kokila	Studies on biochemical changes & pathogenic effect of <i>Bacillus thuringiensis</i> Ber. Against two major pest <i>Leucinodes orbonolis</i> Guen.(Lepidoptera:pyralidae) and <i>Spodoptera litura</i> Fab.(Lepidoptera;noctuidae)
14.	30.12.2005	K.Samsiya Begum 2004 R200	Studies on the effect of Econeem and the extract of <i>Acorus calamus</i> and <i>Piper longum</i> on the tobacco cut worm <i>Spodoptera litura</i> Fab.(Lepidoptera : Noctuidae)
15.	30.12.2005	Mari Selvi	Eco-friendly control of Cotton Leaf- Roller <i>Sylepta derogota</i> Fab.(Lepidoptera :Pypalidae) using Econeem and the extracts of <i>Acorus calamus</i> and <i>Piper longum</i>
16	14.03.2008	Jenet Juliet	Effect of <i>Acorus calamus</i> extract against Brinjal pest <i>Leucinodes orbonalis</i> Guen.(Lepidoptera :Pyralidae)

17.	14.03.2008 06DCCI 2411	I. Selvakumar	The effect of <i>Acorus calamus</i> (L.) extract on the larvae and pupae of Malaria vector <i>Anopheles stephensi</i> (Dipteral Culicidae)
18.	14.03.2008 06DCCI 2407	S.Lawrence Vimal Raj	The efficacy and repellent activity of <i>Acorus calamus</i> (L.) extract against the dengue vector <i>Aedes aegypti</i> (Dipteral Culicidae)

DISSERTATIONS : . PH.D., COMPLETED.

Sl.No	Year and Reg. No	Name of the Candidate	
1.	6.5.13	G.S.Mary Fabiola	Phytochemical analysis of <i>Elytraria acaulis</i> (Lindl.) and biosynthesis of silver nano particles for screening mosquitocidal activities against vector mosquitoes.
2.	29-1014	K.Krishnaveni	Study on the effects of Chemical and Potanical pesticides on the Mortality, Biochemistry and Histology of <i>Spodoptera litura</i> (Fab.) (Lepidoptera:Noctuidae)
3.	30-10-13	K.Thangapandian	Bio-efficacy, Biochemical and Histological studies of plant extracts, <i>Acorus calamus</i> (L.) and <i>Piper longum</i> (L.) against the prime teack defoliator <i>Hyblaea pura</i> Cramer (Hyblaeidae: Lepidoptera)
Ph.D., Thesis Submitted			
1.	29.06.2015	S.Murugesan	Studies on Efficacy Of Ovicidal, Larvicidal, Adulticidal And Repellent Activities Of <i>Citrullus Colocynthis</i> (L.) Schrad. Against three vector Mosquito Species (Diptera: Culicidae)
2.	28.02.2017	C.Peaula Ponsekha	Toxic Effect OF Neem (<i>Azadirachta Indica</i> A.Juss) Oil And Pungam (<i>Pongamia glabra</i>) oil against jasmine Pest <i>Hendecasis duplifascialis</i> Hampson (Lepidoptera: Crambidae)

CONGRESS ATTENDED

S.No	Position Held	Name Of The Workshop	Name Of the Institution	Duration	
				From	To
1.	Annual Research Congress	Nirmala Annual Research Congress.	Nirmala College for Women. Coimbatore -18	04-12-2018	-
2.	3 rd International Congress	Global warming on Biodiversity of Inswcts:Management and Conservation Strategies.	Bharathiar university. Coimbatore-46	26-11-2013	28-11-2013
3.	2 nd International Congress	Global warming on Biodiversity of Inswcts:Management and Conservation.	Bharathiar university. Coimbatore-46	24-08-2011	26-08-2011
4.	Indian science congress	Indian science congress	Osmania University. Hydrabad.	03-01-1996	

SYMPOSIA ATTENDED

S.No.	Position Held	Name Of The Symposium	Name Of the Institution	Duration	
				From	To
1.	UGC Sponsored Symposium	An Interface of Biology with Nanaotechnology	Nirmala College for Women. Coimbatore -18	08-10-2012	-
2.	International Symposium.	International Symposium on Environmental Risk Assessment-2011.	Bharathiar university. Coimbatore-46	17-10-2011	19-10-2011
3.	3rd Asian Lepitoptera Symposium	3rd Asian Lepitoptera Symposium and Training Programme	ZOO outreach Organisation&BU. Coimbatore	25-10-2010	29-10-2010
4.	International Symposium.	Biological Control of Insects.	Bharathiar University. Coimbatore-46	21-01-1999	22-02-1999

WORKSHOPS ATTENDED

S.No.	Position Held	Name Of The Workshop	Name Of the Institution	Duration	
				From	To
1.	Participant in TamilNadu State Commission for Women	Workshop on Role of Women in Environment Protection	IFGTB. Coimbatore-02	24-07-2009	19-10-2011
2.	UGC Sponsored Workshop	Workshop in Biotechnology	Nirmala College for Women. Coimbatore -18	21-09-2010	22-09-2010
3.	Participant in Question Bank Workshop	Question Bank Workshop	Bharathiar University. Coimbatore-46	27-02-2009	28-02-2009
4.	UGC Sponsored Workshop	Techniques in Molecular Biology	Nirmala College for Women. Coimbatore -18	20-01-2009	21-01-2009
5.		Workshop on Recent Trends in Advanced Zoology.	Govt.Arts College. Coimbatore-18	21-01-2008	22-01-2008
6.		Vermitechnology and Bioforming.	Palaniandavar College. Palani	10-01-2008	-
7.	UGC Sponsored Workshop	Recent Trends in Advanced Zoology.	Govt.Arts College. Coimbatore-18	20-1-2006	21-06-2006
8.		Remote sensing and Geographic information System and Applications.	Govt.Arts College. Coimbatore-18	27-01-2005	29-01-2005
9.		Hands on Instrumentation Training in basic Techniques of Biotechniques.	NGM College.Pollachi	20-02-2004	-
10.		Environmental Awareness and Quality management	Bharathiar University. Coimbatore-46	17-02-2000	18-02-2000
11.		Environmental status of rivers in Tamil Nadu	Bharathiar University. Coimbatore-46	26-02-1999	27-02-1999

12.		Basic Techniques in Modern Biology	A.N.J.A.C. Sivakasi	11.02.2000	12.02.2000
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SEMINARS/CONFERENCES ATTENDED

Sl.No.	Position Held	Name Of The Workshop	Name Of the Institution	Duration	
				From	To
1.	National Seminar	.Advances in Biological sciences research	Nirmala College for Women. Coimbatore -18	19-09-2018	20-09-2018
2.	National Seminar	Advanced Research Studies in Life Sciences-Gaps and Scope	Govt.Arts College.Coimbatore-18	25-01-2019	-
3.	UGC Sponsored Seminar	Recent Advances in Animal Science	Govt.Arts College.Coimbatore-18	24-02-2010	25-02-2010
4.	National Seminar	Invertebrate Zoology Meet.	Christ University. Bangalore	04-12-2009	05-12-2009
5.	DST Sponsered Seminar.	Current Trents in Applied Gentics and Bioethiics.	Nirmala College for Women. Coimbatore -18	18-09-2009	19-09-2009
6.		Seminar on Sustainable Aquaculture and Rural Devlopment.	Bharathiar University. Coimbatore-46	28-03-2008	-
7.		Sustainable Aquaculture and Rural Development.		28-02-2008	
8.	International Conference	Approaches in Bioresource Management.	Bharathidasan University.Tiruchirappalli.	23-01-2007	03-02-2006
9.	International Conference	Biodiversity of Insects.	Bharathiar University. Coimbatore-46	30-01-2006	03-02-2006
10.	National	Emerging trends in	Hindustan College of Arts	18-08-2005	19-08-2005

	Seminar	biological Sciences.	and Science. Coimbatore-28		
11.	UGC Sponsored Seminar	Bioinformatics	Govt.Arts College.Coimbatore-18	19-10-2004	--
12.		Environmental awareness and Personal Hygiene.	Bharathiar University. Coimbatore-46	17-03-2003	
13.		Seminar on Genetics, health and disease.	Bharathiar University. Coimbatore-46	16-03-2000	
14.		Seminar on Rabbitorium.	Bharathiar University. Coimbatore-46	24-09-1999	-
15.	South Asian –Pacific Society.	Annual conference of Indian Society of Human Genetics.	ICMR.Mumbai	01-02-1999	02-02-1999
16.	State level Seminar	Recent trends in Biological Sciences	Avinashilingam University.Coimbatore-43.	05-12-1998	
17.	UGC Sponsored Seminar	Seminar on Fish Health.	Bharathiar University. Coimbatore-46	29-03-1993	30-03-1993
18.	WWF Sponsored National Seminar	National Seminar on “Edge of Existence and Human Wildlife Conflict”	Department of Zoology, Government Arts College (Autonomous), Coimbatore	28-02-2023	

Papers Published:

- 1.C.Peaula Ponseka and M.Muthusamy.**(2016). Effect of neem oil ,pungam oil and Monochrotophos against the larvae of Jasmine Bud worm *Hendecasis duplifacialis* (Pyraustidae:Lepidoptera). Int .J. Adv..Lif. Sci.,Vol.9.185-189.
- 2.Thangavel.K,Muthusamy.M, Merlin.M and Peaula Ponseka.C.**(2015). Evaluation of medicinal plants, *Embllica afficinalis*, *Calendula officinalis*, *Cassia fistula*, *Allium sativum* and Pelorgonium extract to Grasserie diseased Silk worm *Bombyx mori* L. . Int .J. Adv..Res.Biol.Sci.2(11).32-38.
- 3. M.Muthusamy and A.kokila.** (2014). The larvicidal and pathogenic effect of *Bacillus thuringiensis* Ber on the brinjal pest *Leucinodes orbonalis* Gun. and tobacco cut worm *Spodoptera litura* Fab. *Consrvation of Biodiversity using biotechnological Approaches*. Elsevier. .Reed Elsevier Pvt.Ltd .New Delhi. **155-161**.
- 4. Murugesan .S. and M.Muthusamy** (2014).Butterfly Biodiversity in the Eastrn part of Western Ghats. Fab. *Consrvation of Biodiversity using biotechnological Approaches*. Elsevier. Reed Elsevier Pvt.Ltd .New Delhi. **121-125**.
- 5. Suresh Babu. P.A.and M.Muthusamy** (2014).Diversity of noctuid moths in Ampalapara Lower Solayar (Thrissur District). . *Consrvation of Biodiversity using biotechnological Approaches*. Elsevier. .Reed Elsevier Pvt.Ltd .New Delhi. **221-226**.
- 6.K.Krishnaveni ,L.sharfun Nisha and M.Muthusamy.**(2013).Biochemical effect of pongum oil and Neemgold on *Spodoptera litura* laevae (Fab.).(Lepidoptera:Noctuidae). Int .J. Adv..Lif. Sci.,Vol.6(4).261-265.
- 7. Murugesan .Selvaraj. and M.Muthusamy** (2011).Efficacy of *Melia azedarach* on the larvae of three Mosquito species *Anopheles stephensi*, *Culex Quinquefasciatus* and *Aedes agypti*.(Diptera:Culicidae).European mosquito Bulletin. 29, 116-121.
- 8. Murugesan .S. and M.Muthusamy** (2011). Screening and Quantitative estimation of Phytochemical constituents in *Citrullus colocynthis* (Lnn.) Schrad. *Int.j.res.Phytochem.pharmacol*;1(3),176-179.

National:

- 1.K.Krishnaveni ,L.sharfun Nisha and M.Muthusamy.**(2013). Food Consumption and utilization oindices of Tabacco caterpillar *Spodoptera litura*(Fab.) larvae. *Theoretical and Experimental biology*.Vol(9).145-149.
- 2.Thankapandian.K. and Muthusamy.M.**(2011), Efficacy of plant products *Acorus calamus* . *Piper longum*and *Econeem* against the larvae of Tobacco caterpillar *Spodoptera litura* Fab.(Lepidoptera: Noctuidae).*J.Res.Bio.*(2)61-165