

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



i) General Information

- a) Name : **Dr. Deepa M.A**
- b) Address (Residential) : Villa 5, CASA GRAND AQUA,
Kuniyamuthur, Coimbatore – 641 008
- c) Designation : Assistant Professor
- d) Department : PG and Research Department of Botany
- e) Date of Birth : 06/07/1977
- f) Area of Specialization : Plant biotechnology and Phytochemistry

A) Academic Qualifications

Examination passed	Board / university	Subject	Year	Division grade/merit etc.,
Ph. D.	Bharathiar University, Coimbatore-641 046, INDIA.	Botany-Plant Tissue Culture and Phytochemistry	2004	
M. Phil.	Bharathiar University, Coimbatore-641 046, INDIA.	Botany-Plant Tissue Culture)	2001	I
M. Sc.	Govt. Arts and Science College (Autonomous, Coimbatore, INDIA. (Affiliated to Bharathiar University)	Botany	1999	I
B. Sc.	PSGR Krishnammal College for Women Affiliated to Bharathiar University	Botany	1997	I

ii) Research Experience & Training

Research stage	Title of thesis	University where the work was carried out.
M.Phil	Tissue culture and Phytochemical studies in <i>Pseudarthria viscida</i> (L.) Wight and Arnott	Bharathiar University
Ph.D	<i>In vitro</i> studies in <i>Salacia beddomei</i> Gamble – an endemic woody climber (Annexure I)	Bharathiar University
No of Publication	32 Research Papers; 4 Books	
Research guidance(give the names of students guided successfully)	Dr. Vikash Garh	
Training	See below table	

Year	Nature of Training	Duration	Organization where training was provided
5 th March 1999	Training on mushroom cultivation	1 day	Tamil Nadu Agricultural University, Coimbatore
1 st to 15 th March 2002	Workshop on “Plant Molecular Biology”	15 days	Department of Biotechnology, Bharathidasan University, Tiruchirappalli (Sponsored by DBT, CSIR, TANSCH and BARD)
27 th June to 1 st July 2005	Training program on RAPD profiling in plants.	7 days	Department of Horticulture, Government of Karnataka, Hulimavu, Bangalore.
2012	Staff Development Programme on “Strain Selection and Improvement”	14 days	Vivekanandha College of Engineering for Women, Tiruchengode
2009	Entrepreneurship Development Programme for Biotechnology graduates	5 days	Department of Biotechnology, KSR college of technology, Tiruchengode, Tamil nadu
2010	Training on blue green algae	12 days	Indian Agricultural Research Institute (IARI), New Delhi, (DST Sponsored)
2012	Training the Trainers – Life Skill Development Programme	5 days	Rajiv Gandhi Institute of Youth Development, Sriperumpudur
2016	Orientation Programme	25 days	Sri Venkateshwara University, Tirupati
2018	Refresher Course in Life Sciences	14 days	Sri Venkateshwara University, Tirupati
2020	Refresher Course in Botany	14 days	University of Madras.
2022	Refresher Course in Biological sciences	14 days	Bharathiar University HRDC

B) Research Projects carried out

S. No.	Title of the Project	Name of the Funding Agency	Duration	Remarks
1	Production of Bioethanol from hull of Pearl Millet and Kodo Millet	Tamil Nadu State Council for Higher Education	1 Year	Completed
2	Development and evaluation of herbal based formulation for treating Melanoma Hyperpigmentation using human cell lines	Vision Group of Science and Technology, Government of Karnataka	1 year	Completed
3	Application of bio-fertilizer consortium to Improve crop yield in legumes – A way to economically viable agriculture.	Jnana shodha 2012, Karnataka Jnana Aayoga (Karnataka Knowledge	1 year	Completed
4	Processing of Allium for biomedical applications	Jian Healthcare Pte Ltd, Singapore	2 years	Completed
5	Standardization of Allium based product formulation	Jian Healthcare Pte Ltd, Singapore	2 years	Completed

C) Seminars, Conferences, Symposia Workshops etc. attended

Name of the Seminars / Conferences / Symposia / Workshops etc	Name of the Sponsoring Agency	Place and
National symposium on problems and prospects of environment in the new millennium,	Department of Biosciences, Mangalore University, Mangalore	2000
National seminar on Enzymes Coimbatore	Karpagam Arts and Science College,	2002
Current trends in biological sciences Dept. of Biochemistry,	Avinashiligam deemed University, Coimbatore	2002
MOTIF'02, Department of botany,	Bharathiar University, Coimbatore	2002
National seminar on medicinal plants and health care ICMR	PSGR Krishnammal College for Women, Coimbatore	2003
National symposium on medicinal and aromatic plants (MAPS): Bioprospecting and conservation concerns”,	Karpagam Arts and Science College & karpagam medical and research foundation	2003
Third International Conference on Plants and Environmental pollution, organised by	International society for Environmental Botanist and National Botanical Research Institute, Lucknow	2004
International Seminar on Medicinal plants	Department of Plant Science, Kanchi Mamunivar Centre for Post Graduate studies, Pondicherry and National medicinal plants board, Dept, of AYUSH, Ministry of Health and welfare, Govt of India,	2006
Third International conference on Parthenium	Department of Entomology, IARI, New Delhi,	December 8 th to 10 th 2010
Exploring the secrets of Biofuel	Tata Research Institute, New Delhi	2011
National Symposium on “ Current Scenario in Microbial Biotechnology”	Department of Biotechnology, KSR college of Technology, Triruchengode, India	February 27 th and 28 th 2008
Entrepreneurship Development programme for biotechnology graduates	Department of Biotechnology, KSR college of Technolgy, Triruchengode, India	2009
National Conference on plant diversity: prospects and problems of Conservation	Kristu jayanti College	27 th to 29 th October 2010
Current Scenario in Microbial Biotechnology,	KSR College of Technology, Tiruchengode, Tamil Nadu	2010

iii) Teaching Experience

Courses Taught	Posts Held	Name of University/ College/Institution	From	To	No. of years
UG & PG Biotech UG & PG Microbiology	Assistant Professor	Kristu Jayanti College, Bangalore	7/7/2004	30/11/2005	1 Yr/5 months
Research	Jr. Research Scientist	R & D Centre, Cholayil Pvt Ltd, Chennai	1/12/ 2005	31/08/2007	1 Yr/ 8 months
UG & PG Biotech UG & PG Microbiology Ph.D	Assistant Professor	Kristu Jayanti College, Bangalore	6/9/ 2007	31/05/2014	6 yrs/8 months
UG & PG Biotech UG & PG Microbiology Ph. D	Associate Professor	Kristu Jayanti College, Bangalore	1/6/ 2014	30/09/2015	1 yr/3 Months
B. Sc Botany	Assistant Professor	Government Arts College for Men	1/10/2015	19/09/2018	2 yrs/ 11 months
B. Sc Botany	Assistant Professor	Government Arts and Science College, Hosur	20/09/2018	01/03/2021	2 Yr/ 6 month
M.Sc Botany	Assistant Professor	Government Arts College (Autonomous), Coimbatore	02/03/2021	Till Date	2 years 5 months

Total Teaching Experience (in years and months) :

a)	Under-graduate	17 years
b)	Post-graduate	15 Years
c)	Research	22 years

viii) Innovations/ Contributions in Teaching

a) Design of Curriculum :	BOS Member, Kristu Jayanti College (A), Bangalore BOS Member, Government Arts College (A) Coimbatore
b) Teaching methods :	Chalk and Board, PPT, Video Lecture, Charts and models
c) Laboratory experiments :	As per curriculum
d) Evaluation methods :	As per curriculum
e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	E-content Development; 4 books
f) Remedial Teaching / Student Counseling (academic) :	Mentor, Tutor
g) Any other :	

IX) 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	Registration Number	Year of registration
1	Mrs. Narthana S	Bharathiar University	Medicinal plants	CRE/BOT 21PDEC1437	2022
2	Mrs. Thangam R	Bharathiar University	Medicinal Plants	CRE/BOT 21PDEC1436	2022

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
1	Ph.D (PT)	Bharathiar University	Study on the production of bioactive compounds in <i>in vitro</i> cultures of <i>Cissampelos pareira</i>	2009	2016

X) Extension Work/ Community Service

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

Nodal Officer- Krishnagiri -COVID Management Team 2019-2021 – Rescuing Immigrant labors along with district administration, Hosur

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

NSS Officer – 2018-2021 – Government Arts and Science College, Hosur (Periyar University)

C. Participation in Corporate Life

Please give a short account your contribution to:

a) College/ University / Institution	Government Arts College For Men, Krishnagiri
b) Co-curricular Activities	Kavin kalai Mandram In-charge (2016-2018)
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	NA
d) Students Welfare and Discipline	Tutor, Mentor, Counsellor, Scholarship
e) Membership / Participation in Bodies	Fellow award 2011 - Fellow of Society of Applied Biotechnologists (for outstanding contributions in the field of Plant Biotechnology)
f) Professional Organization of Teachers	

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

Medicinal and Aromatic Plants Association of India- Directorate of Medicinal and Aromatic Plants Research, Anand-387 310, Gujarat, India – Life Member

Asian PGPR Society – Life Member

American Society of Phycology – Life Member

Advisory Member – Nature Science Foundation, Coimbatore

E. Any other information



(Signature of the Teacher)