

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

i) General Information

- a) Name : **Dr.S.VINODHINI**
b) Address (Residential) : 96/1 Textool
Subramaniam Nagar,
Ganapathy Maanagar,
Ganapathy,
Coimbatore -641006
- c) Designation : Assistant Professor
d) Department : Botany
e) Date of Birth : 03.03.1979
f) Area of Specialization : Microbiology, Biofibres



A) Academic Qualifications

Examination passed	Board / university	Subject	Year	Division grade/merit etc.,
SSLC	Board of Secondary Education, Tamilnadu	Tamil, English, Maths, Science, Social Science	1994	First Class
HSC	Board of Higher Secondary Education, Tamilnadu	Tamil, English, Maths, Physics, Chemistry, Biology	1996	First class
UG	Bharathiar University, Coimbatore	Botany	1999	First class with Distinction
PG	Bharathiar University, Coimbatore	Botany	2001	First class (University V Rank)
MPhil	Bharathiar University, Coimbatore	Botany	2003	Commended
PhD	Bharathiar University, Coimbatore	Botany	2012	Highly Commended

ii) Research Experience & Training

Research stage	Title of thesis	University where the work was carried out.
M.Phil	Studies on two medicinal plants grown in Biodegraded Coir pith	Bharathiar University, PSGR Krishnammal College for Women, Coimbatore
Ph.D	Exploration and Characterization of fibers from flora of Coimbatore City	Bharathiar University, PSGR Krishnammal College for Coimbatore
No of Publication	List Enclosed	
Research guidance(give the names of students guided successfully)	M. Phil - 2 1. Y.Subhashini 2. D.Brindha	
Training(please specify)	<p>One day Training Programme on “LaTex” held on 20.6.06, Internal Quality Assurance Cell, P.S.G.R.Krishnammal College for women,Coimbatore –4.</p> <p>FDP Programme on “Creative Teaching Techniques” organized by Government College for Women, Kumbakonam on 22.08.2015.</p> <p>FDP ON Basics in CHROMATOGRAPHY DIPAM Foundation &ShethM. N. Science College, Patan. 07.05.2020 to 16.05.2020</p> <p>FDP ON Design, Develop and Deliver online courses through MOODLE Platform (TANSCHÉ Sponsored) Department of Technical Education (DOTE), Tamil Nadu. 15.05.2020 to 16.05.2020.</p> <p>FDP on Open Source Tools for Research, Teaching Learning Centre Ramanujan College, University of Delhi sponsored by MHRD PMMMNMTT.08.06.2020 to 14.06.2020.</p> <p>Tamil Nadu State Council for Higher Education organised In-Service Teacher Training programme in Life Science held at Government Arts College, Udthagamandalam.05.05.2022 & 06.05.2022.</p>	

B) Research Projects carried out

S. No.	Title of the Project	Name of the Funding Agency	Duration	Remarks
1.	“Bioprospecting of Plant Fibres”	TNSCST-JSTP DST	2 years	Completed

C) Seminars, Conferences, Symposia Workshops etc. attended

Name of the Seminars / Conferences / Symposia / Workshops etc	Name of the Sponsoring	Place and Date
Broad Spectrum of Enzymes-the Emerging Technology	-	6.3.2002. Karpagam Arts and Science College, Coimbatore.
International Workshop of Malarial Genomics.	-	30.04.2004.Karpagam Arts and Science college, Coimbatore.
One-day state level Workshop on “ Empowering Women through Vermitechnology ”	-	19.09.05 in Department of Zoology, P.S.G.R.Krishnammal College for women,Coimbatore
Two day National Seminar on “ Recent Advances in Chemistry ”	-	16 & 17.12.05 in Department of Chemistry, P.S.G.R.Krishnammal College for women,Coimbatore..
One day Workshop on “ Bonsai ”	--	12.2.07,Department of Botany, Bharathiar University, Coimbatore – 46.
One Week Workshop on “Intelligence for drug discovery”	-	14 th – 18 th 2008, Departement of Biotechnology, PSG college of technology, Coimbatore.
Two Day Workshop on " Bioprocess Technology"	Department Of Biotechnology under DBT-STAR College Scheme,	11.12.2015 and 12.12. 2015. PSG College of Arts and Science, Coimbatore
National Workshop on "Intellectual Property Rights" .		3.3.2016 and 4.3.2016.Department of Botany, Bharathiar University
Workshop on MOOCs, E-content Development and Open Educational Resources.		4.12.2019 to 10.12.2019.UGC – HRDC Bharathiar University, Coimbatore.

iii) Teaching Experience

Courses Taught	Name of University/ College/Institution	Duration	
		Period of employment From - To	Years of Experience
UG (B.Sc)	PSGR Krishnammal College for Women, Coimbatore	June 2005 to November 2014	9 years 6 months
	Government Arts college for Women (autonomous), Kumbakonam	July 2015 to November 2015	5 months
	LRG Government Arts College for Women, Tirupur	Novemeber 2015 to June 2023	7 years 7 months
	Government Arts College (Autonomous), Coimbatore	June 2023 to till date	2months to till date
PG (M.Sc)	PSGR Krishnammal College for Women, Coimbatore	June 2005 to Novemeber 2014	9 years 6 months
	Government Arts College (Autonomous), Coimbatore	June 2023 to till date	2months to till date

Total Teaching Experience (in years and months) :

a)	Under-graduate	17 years 6months
b)	Post-graduate	9 years 8 months
c)	Research	5 years 6 months

viii) Innovations/ Contributions in Teaching

a) Design of Curriculum :	Framing the syllabus
b) Teaching methods :	Chalk and talk, power point presentation, field visit
c) Laboratory experiments :	Demo, doing practical experiments
d) Evaluation methods :	Assignment, quiz, seminar
e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	One chapter contributed in the book titled “Environmental Studies” for under graduate students by the Dept of Botany, PSGR Krishnammal college for Women
f) Remedial Teaching / Student Counseling (academic) :	Remedial class, group discussion
g) Any other :	Nil

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	Registrati on Number	Year of registrati on
1.	M.Rubini	Bharathiar University	Botany - Microbiology		2023

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/M.Phil
1.	Y.Subhashini - FT	Bharathiar University	Characterization of fibre from seven different plants and preparation of Antimicrobial fabric	2009	2011
2.	D.Brindha - FT	Bharathiar University	Biosoftening of Banana fibers and its application	2011	2013

X) Extension Work/ Community Service

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

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

C. Participation in Corporate Life

Please give a short account your contribution to:

a) College/ University / Institution	-
b) Co-curricular Activities	YRC Coordinator in PSGR Krishnammal College for Women, Coimbatore from June 2005 to November 2014 Ecoclub Incharge for 2 years in LRG Government Arts College for Women, Tirupur.
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	-
d) Students Welfare and Discipline	-
e) Membership / Participation in Bodies	Act as chairperson for framing the syllabus in the Bharathiar University PG Board and Alumni Member in PSGR Krishnammal College for Women and Nirmala College for Women, Coimbatore-
f) Professional Organization of Teachers	-

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

E. Any other information Nil

(Signature of the Teacher)

List Enclosed

Paper Published:

1. **Vinodhini.S.**, Gnanambal.V.S. and Padmadevi.S.N. 2005. “**Efficacy for the Growth of Medicinal Plants in Biodegraded Coirpith**”. *Indian Coconut Journal*, Vol.35,No(11),16-17
2. **Vinodhini.S.**, Gnanambal.V.S., Sasikumar.J.M. and Padmadevi.S.N. 2005. “**Growth of Two Medicinal Plants using Biodegraded Coir pith**”. *Plant Archives*.vol.5,No.1; 277-279.
3. **Vinodhini.S.**, S.N.Padmadevi and Padma Srinivasan. 2006. Biodegradation of lignocellulosic Coir pith by using Fungal Forms. *Asian Journal of Microbiology, Biotechnology and Environmental Science*.Vol.8, No.(3) pg.499-502
4. Padmadevi.S.N.,R.Kavitha, **S.Vinodhini** and Padma Srinivasan.2006. **Composting of Coir pith using *Hypsizygus ulamrius* (Bull.: Fr) Redh.** *Plant Archives*.Vol.6 No.2 2006 pp.819-820.
5. **Vinodhini.S.**, Pugalendhi,M and A.Anburaj.2006. Glutamate Dehydrogenase activity in Chickpea (*Cicer aurietinum* L.) seedlings. *Seed Research*. 34(1):101-103.
6. **Vinodhini.S** and N.S.Malathy. 2009.Bioprospecting of Plant fibers. *The Bioscan*. 4:367-368
7. **Vinodhini, S.** and N.S. Malathy, 2009. Bioprospecting of plant fibre of Coimbatore district of Tamil Nadu. *International Journal of Plant Sciences* : 4:444-445.
8. **Vinodhini.S** and N.S.Malathy. 2011. Moisture-dependent physical properties of plant fibers. *Research Journal of Agricultural Sciences*.2(3):744-745.
9. Subhashini.Y; **Vinodhini.S**; Malathy.NS; Alarmelumangai.K. “Antimicrobial finish to Yucca-Cotton blended fabric using herbal extracts”. *Indian Journal of Natural Products and Resources (IJNPR)* 2011 (Communicated).
10. D.Brindha., **S.Vinodhini.**,K.Alarmelumangai and N.S.Malathy.2012. Physico- Chemical properties of fibers from banana varieties after scouring. *Indian Journal of Fundamental and Applied Life Sciences*.2(1):217-221.
11. Brindha D, Vinodhini S and Alarmelumangai K. 2012. Fiber dimension and chemical contents of fiber from *Passiflora foetida*, L. and their suitability in paper production. **Science Research Reporter** 2(3): 210-219.
12. **S.Vinodhini**,G.Divya, K.S. Deepthi. 2014.Characterization of plant fiber from Hibiscus cannabinus.*Journal of International Academic Research For Multidisciplinary*. Volume 2, Issue 4, May 2014.

Presentation of Scientific Papers In Conference / Seminar/Symposium:

Amudhavalli.N.,Rajeshwari sivaraj.,Vinodha.R and **Vinodhini.S.**, “**Microbial based biofuel cells**”- UGC sponsored State Level Seminar on **Sources of Renewable Energy in the New Millennium** on 02-09-2004-Department of Chemistry,Sri GVG Visalakshi College for women, Udumalpet.

Sylvia Mercy Jebakumari, Amudhavalli.N and **Vinodhini.S** “**A to Z Fenugreek**”- UGC sponsored National Symposium on Rural and Ethnomedicinal Plant Remedies – Conservation and Utilization

(AYUSH REMEDIES – 2004) 23rd – 25th September 2004. conducted by Department of Biotechnology, Kongu Nadu Arts and Science College, Coimbatore.

Vinodhini.S and Pugalenthi.M. “**Glutamate Dehydrogenase Activity in Chickpea [*Cicer arietinum* .L] Seedlings**” sponsored National Symposium on Modern Biological Sciences Symbios-'04, 8th and 9th October 2004, Department of Biosciences and Research, SNMV College, Coimbatore-21.

S.Sylvia Mercy Jebakumari, **S.Vinodhini** and M.Pugalenthi. "**Organic Garden - Why not with vermicomposting?**" sponsored 'Environmental Microbiology', February 4th 2005, Department of Botany, P.S.G.R.Krishnammal college for women, Coimbatore-4.

S.Vinodhini, M.Pugalenthi, V.Vadivel and A.Anburaj. “**Electrophoretic study of protein fractions of different cultivars of Chickpea seedlings**” sponsored National Seminar on Protein Engineering, 7th and 8th March 2005, Department of Chemical Engineering, FEAT, Annamalai University, Tamilnadu.

S.Kalaiarasi,R.Ilangovan,Navaneetha Krishnan and **S.Vinodhini**. Biodynamic farming Paper Presented in the International Conference “Biotechnology – Promises and Realities”,Department of Plant Biology and Plant Biotechnology,P.S.G.R.Krishnammal College for Women,Coimbatore-4.

J.Niranjana, R.Elangovan and **S.Vinodhini**. Organic Farming Paper presented in the International Conference “Biotechnology – Promises and Realities”,Department of Plant Biology and Plant Biotechnology,P.S.G.R.Krishnammal College for Women,Coimbatore-4.

Poster Presentation:

Antimicrobial Fabrics. Alarmelumangai.K; Subhashini.Y; Malathy.NS; **Vinodhini.S**. International conference on Healthcare & Hygiene textiles & Clothing (HEAT 2010), 30th & 31st July 2010. Venue – PSG College of Technology, Coimbatore, India.

Antimicrobial finish for fabrics using herbals. Subhashini.Y; Malathy.NS; **Vinodhini.S**. National conference on herbal medicine, 8th & 9th September 2010, Venue – Bharathiar university, Coimbatore.

Proceedings:

Fiber Plants for Future. Subhashini.Y; **Vinodhini.S**; Malathy.NS; Alarmelumangai.K. International Conference on Bioresource Technology (ICBRT - 2010), International conference on 7th & 8th October 2010, Venue – Nirmala College for Women, Coimbatore, India.

Antimicrobial finish to Yucca-Cotton blended fabric using herbal extracts. Subhashini.Y; **Vinodhini.S**; Malathy.NS; Alarmelumangai.K, Ramakrishana.G. International Conference on Technical Textile and Nonwovens (ICTN 2010) 11th to 13th November 2010. Indian Institute of Technology, Delhi.