

## Resume

**Name: S.RAJASEKARAN.**

Gender: Male

D.o.B: 11.04.1965



Educational Qualifications:

S. No	Degree	College/University	Year of passing	Subjects	Grade/ Percentage
1.	M.Phil	A.V.V.M.SRI PUSHPAM, BARD	1989	BOTANY	80.4
2.	PG	A.V.V.M.SRI PUSHPAM, BARD	1988	BOTANY	62.5
3.	UG	M.R.G.A.C., BARD	1986	BOTANY	61.4
4.	B.Ed	ANNAMALAI UNI.	1992	BOTANY	55.0

Total Teaching Experience

Sl. No	Name of the Institution	From	To	YY//MM/DD
1	AVC College	MAR2000	Till Date	16 Yrs 7 Months
2	Others	DEC 1996	MAR 2000	3 Yrs 3 Mts

Total Teaching Experience at AVC College (specify SF/Aided)

Sl. No.	Institution	From	To	Subjects Taught
1.	Aided	MAR 2000	TILL DATE	Major Botany & Allied Botany

Orientations/ Refresher courses attended - Total --4

Sl. No.	O/R	Title of the course	From	To	Name of the Institution and Place
1	O	ORIENTATION	6.11.2001	3.12.2001	Academic Staff College.Pondicherry
2	R	Curriculum devpt.and Evaluation techniques	6.3.2004	26.3.2004	Academic Staff College, Bharathidasan University
3	R	Recent trends in Medicinal Plants Research	7.12.2006	27.12.2006	Tamil University Thanjavur
4	R	Climate change and Sustainable Development	22.10.2010	12.11.2010	Tamil University, Thanjavur

Seminars attended

- Number

4

Attended Seminar on Tools and Techniques in Plant sciences , conducted by Dept of Botany,A.V.C.College at Mannampanadal,from15 02.2001 to 16.02.2001

Attended Seminar on “Perspective of plant Sciences”, Conducted by Dept of Botany,A.V.C.College Mannampanadal,from07.03.2003 to 08.03.2003

Attended Seminar on “Emerging trends in Plant Sciences’, Conducted by Dept. Botany, Annamalai University,from 15.03.2003 to 16.03.2003

Attended Golden Jubilee State level seminar on”Innovative approaches to plant sciences”Conducted by Dept. of Botany,A.V.C.College,Mannampanadal from 24.02.2005 to 25.02.2005

Workshops attended

-Number

4

Conducted Science Academies’ Education Programmes Lecture Workshop in Botany on “Perspectives in Biological Research” on 23rd&24th, January – 2017. Sponsored and supported by the Indian Academy of Sciences, Bangalore; Indian National Science Academy, New Delhi and The National Academy of Sciences India, Allahabad.

Attended U.G.C aided workshop on “Setting Question Bank for Part – A Questions” at Mannampanadal on 26<sup>th</sup> & 27<sup>th</sup> Dec-2011 organised by IQAC, A.V.C.College.

Attended U.G.C Sponcered workshop on “Molecular tools and Techniques”at Mannampanadal on 29.01.2011 organised by R&D C A.V.C.College &Bharathidasan University.

Attended state level workshop on “Techniques in standardization of Herbal drugs” at mannampandal on from 18.03.2006 to 19.03.2006 organized by Dept. of Botany, A.V.C.College.

Training programmes attended -Number 1

Attended Training programme on Effective Teaching Method at Mannampandal on 2<sup>nd</sup> & 7<sup>th</sup> Sep-2010 organised by IQAC, A.V.C.College.

Other Positions Held in AVC College:

Sl. No	Positions held	From	To	Nature of work
1	CO-ordinator	2001	2004	PEKAK Extension Programme
2	CO-ordinator	2011 - 2012		Students Exnora

Resource person /Invited Talk/Guest Lecture (2006 onwards).

- 14/02/19 - Acted as a Resource person in 5 days in service training program for Science Teachers of Nagapattinam District catalyzed and supported by TNSCST- Chennai-25 organized by AVC College.
- Acted as a guest lecturer for In-service training Programme for Higher Secondary School Teachers on 24&25-1-2005, conducted by Govt College of Education, Orathanad at Thiruvarur

Books Published:

2

1. **Practicals in Botany - A hand book** (For Private Circulation Only) M. Nagarajan, S. Rajasekaran (Subjects : Plant Physiology, Biotechnology, Plant Pathology and Protection).
2. **Practical Botany** (For Private Circulation Only) M. Nagarajan, S. Rajasekaran, K.Natarajan and S.Rajasekaran (Subjects : Gymnosperms, Anatomy and Embryology).

3. **Practical –I** (Cryptogamic Botany-practical handbook – Bryophyta, Pteridophyta and Palaeobotany) **and Practical –II** (Practicals in plant ecology – a handbook) - M. Nagarajan, S. Rajasekaran, K.Natarajan and S.Rajasekaran.
4. **A hand book on Cryptogamic Botany practical series** (Algae, fungi, Bacteria, lichens, virus and plant pathology) -- M. Nagarajan, S. Rajasekaran, R.Arumugam and S.Rajasekaran.
5. **Instant Notes in Fungi and Plant pathology** - M. Nagarajan, S. Rajasekaran, K.Natarajan and S.Rajasekaran.
6. **Practical manual (Algae, fungi, Bacteria, lichens, virus and plant pathology) for I- B.Sc. Zoology and Microbiology** – T.M.Sathees kannan, M. Nagarajan, R.Arumugam and S.Rajasekaran.

Research Articles Published :

<u>Journal</u>	Number	10
1) <u>Rajasekaran,S</u> and S.M.Nagrajan 2004.Occurence and Histochemical studies on VAM Fungi of some medicinal plants.Asian jrl. Of Microbiology ,Biotech and Env. Sci.,6(4);553-555.		
2) Nagarajan.S.M ,Suresh.T, <u>Rajasekaran.S</u> Satheeshkannan.t and S.Kulothungan,2005.In vitro micropropagation of Boerhaavia diffusa L.Geobios,32(2);169-172.		
3) <u>Rajsekaran.S</u> and S.M.Nagarajan,2005.Effect of dual inoculation on chlorophyll content of <i>Vigna unguiculata(L) Walp.Var.Pusa151.Mycorrhiza News,17(1);10-11.</i>		
4) Nagarajan.S.M, <u>Rajasekaran.S</u> and T.M.Satheeshkannan,2006.In-vitro propagation of <i>Acassia nilotica (L) Wild Ex. Delile</i> .Geobios,33,271-272.		
5) Nagrajan.S.M, <u>Rajasekaran.S</u> ,Satheeshkannan.T.M. and P.Sundaramoorthy ,2006.Direct shoot regeneration from nodal explants of <i>Bougainvillea spectabilis wild</i> .Plant Archives,6 (2);537-539.s		
6) <u>Rajasekaran.S</u> ,Nagarajan.S.M,Arumugam.K,Saravanamuthu.R and S. Balamurugan,2006.Effect of dual inoculation (Rhizobium and AM Fungi ) on chlorophyll content of <i>Arachis hypogea L-CV. TMV.2</i> .Plant Archives,6(20) 671-672.		
7) <u>Rajasekaran.S</u> .Nagarajan.S.M,and T.M. Satheeshkannan.2007.Plant regeneration and in-vitro flowering of <i>Solanum trilobatum L</i> an important medicinal plant Jrl. Of Current Science,10(1), 284-287.		

- 8) Nagrajan.S.M,Rajasekaran.S and T.M. Satheeshkannan,2007.Comparative antimicrobial activity of callus and natural plant extracts of *Centella asiatica* (Linn) a Medicinal plant.Mayur-the Research jrl. Of A.V.C.College.vol-II.40-41.
- 9) Nagarajan.S.M, Rajasekaran.S,Satheeshkannan.T.M, Balamurugan.S,Anbazhakan.S and G.Jayanthi,2008. In-vitro screening of antibacterial activity of Rhizome extract of *Zingifer officinalis* rose.Hamdard Medicus.
- 10) Rajasekaran.S ,Arumugam.R and S.M Nagarajan,2010.Response of Arbuscular mycorrhizal fungi and rhizobium inoculation on growth and chlorophyll content of *Vigna unguiculata* (L)Walp.var-Pusa 151. Jrl. Of applied sci.Envnt.Mngmt.14(4),113-115.

**Confidential work**

- 19/10/18- Attended confidential work - TNPSC at Chennai.
- 05/12/18- Attended confidential work - TNPSC at Chennai.
- 05&06 /01/19- Attended confidential work - TNPSC at Chennai.
- 23/04/19 – 25/04/19. - Attended confidential work at TNPSC- Chennai.

**Minor Projects undertaken:**

Sl. No	Title of the Project	Agency	Duration	Total Cost	Ongoing/ Completed
1	Investigation on the growth response of <i>Vigna unguiculata</i> (L) Walp. To Biofertilizer Bioinoculants and Biocontrol agent	U . G. C  MRP bot2683/9	18 Months	Rs-75000	Completed

Residential Address:

1/271 Sri Mahalakshmi Nagar.  
Neduvakkottai.- 614 014.  
Mannargudi  
Tiruvarur District,  
Tamil Nadu  
9443980310  
srjsekaran977@gmail.com