

Curriculum Vitae

1. Name : Ln. Dr. R. GNANAVEL., M.Sc., Ph.D.,

Father's Name : Rathinam M

Mother's Name : Vijaya R

2. Date of Birth : 05.11.1988

3. Religion : Hindu

4. Social Category : MBC (Vannia Kula Kshatriyar-Vanniar)

5. Permanent Address : S/O Rathinam

58, Pillaiyar Kovil Street,

Manickal Village

Puliyampatti Post

Chengam Taluk

Tiruvannamalai- 606 703

Tamil Nadu

India



Mobile No.: +91 9003311810 Email Id.: rgvmkl@gmail.com

6. Educational Qualification:

S. No.	Examination Passed	Subject	Year	Institution	Board / University	%
1.	Ph.D. (Full Time)	Botany	2013- 2019	Government Arts College Udhagamandalam-02	Bharathiar University Coimbatore	Highly Commended
2.	M.Sc.	Botany	2010- 2012	Government Arts College Udhagamandalam -02	Bharathiar University Coimbatore	73 % "A++" Grade
3.	B.Sc.	Botany	2007- 2010	Government Arts College Coimbatore-18	Bharathiar University Coimbatore	71% "A" Grade
4.	HSC	Science	2007	Danish Mission Higher Secondary School Tiruvannamalai	State Board School Education, Tamil Nadu	68%
5.	SSLC	-	2005	Danish Mission Higher Secondary School Tiruvannamalai	State Board School Education, Tamil Nadu	71%

07. Experience:

S. No.	Name of Dept. / Lab	Position	Date		Total Period
			From	To	
1.	Department of Botany, School of Life Sciences, Arignar Anna College (Arts and Science), Polupalli, Krishnagiri, TN	Assistant Professor in Botany	2023	Till Date	
2.	PG and Research Department of Botany, Sri Vijay Vidyalaya College of Arts and Science, Nallampalli Dharmapuri District, TN	Assistant Professor in Botany (Both UG and PG Experience)	2020	2023	2.5 Years
3.	PG and Research Department of Zoology and Wildlife Biology, Government Arts College, Udhagamandalam -02, TN in Collaboration with Tamil Nadu Forest Department	Floral Diversity Assessment Expert in Tamil Nadu Biodiversity Conservation and Greening Project	2013	2018	5 Years
4.	PG and Research Department of Botany, Government Arts College, Udhagamandalam - 02, TN	Project Fellow (2Years –JRF & 2Years SRF) (UGC- Major Research Project F.NO.42- 962/2013 Principal Investigator Dr. Franklin C. Jose., M.Sc., Ph.D.)	2013	2017	4 Years
5.	PG and Research Department of Botany, Government Arts College Udhagamandalam -02, TN	Trainee (Training in molecular techniques)	2012	2013	1 Year

08. Completed Project Details

S.No.	Title of the Project	Funding agency
1.	Standardization of 'Irula Pambukadi Choornam' and its pharmacological evaluation with Indian Russell's viper (<i>Daboia russelli</i>) venom (2018)	The Project done by me under the guidance of Dr. Franklin C. Jose, M.Sc., Ph.D, Associate Professor & Head of Botany, Government Arts College, Udthagamandalam & Ph.D thesis submitted to the Bharathiar University, Coimbatore for the award of Doctor of Philosophy in Botany
2.	Drug discovery from traditional medicinal plants against snake bite (2012)	The Student Mini Project sanctioned for me (Gwno.677/2011, Dt.13.02.2012) by the Tamil Nadu State Council for Higher Education, Chennai This Project done by me under the guidance of Dr. Franklin C. Jose, M.Sc., Ph.D., Assistant Professor of Botany, Government Arts College, Udthagamandalam - 643 002
3.	Phytochemistry and drug discovery of anti- snakebite plants used by Irula tribes of Thiruvannamalai district (2012)	The Project done by me under the guidance of Dr. Franklin C. Jose, M.Sc., Ph.D., Assistant Professor of Botany, Government Arts College, Udthagamandalam- 643 002 and submitted to the Bharathiar University, Coimbatore for the award of Master of Science in Botany

09. Research Project Guideship details: M.Sc. Projects:08

10. Membership details

- ❖ Founder and Chairman, Velvili Trust, Manickal Village, Tiruvannamalai, TN
- ❖ Director & Joint Treasurer, Chengam Jawathu Lions Club (Lions Clubs International)
- ❖ Member in International Society of Ethnobiology
- ❖ Life member in Society for Biotechnologists (India)

11. Details of Received Award

- ❖ **Karumalai Kavikuyil Award** received from Chennai Mukkoodal Tamil Sangam, towards the contribution of Kavithai reading in the 4th Year Establishment Day Celebration held in Krishnagiri Arignar Anna College (Arts and Science) held on 21.04.2024.
- ❖ **Kavimugil Award** received from Department of Tamil, Holi Cross College (Autonomous), Trichirapalli received towards the contribution of Kavithai reading in the Five days webinar on “Padaippatralin Membadu” which was held between 14.11.2023 to 18.11.2023 and the award function dated on 11.12.2023.
- ❖ **Best ePoster Award** received in the field of Ethnobotanical Research and paper entitled “The documentation of Irula medicinal practice against snake bite” from International Seminar and Exhibition on Phytopharmaceuticals: Emerging Challenges and Opportunities held on 11 & 12th December 2017 at JSS College of Pharmacy, Ooty.
- ❖ **III Prize** received in field of Ethnobotanical Research and paper entitled “Drug leads from Toda ethnomedicine” from National Seminar “MOTIF 11” organized by Department of Bioinformatics, Bharathiar University, Coimbatore-46 held on 30th December 2011 and proceedings pg.no.23.
- ❖ **The Student Mini Project** sanctioned for me (Gwno.677/2011, Dt.13.02.2012) by Tamil Nadu State Council for Higher Education, Chennai This Project done by me under the guidance of Dr. Franklin C. Jose, M.Sc., Ph.D., Assistant Professor of Botany, Government Arts College, Udthagamandalam - 643 002.

12. List of Publication

- ✚ K. Sathiyaraj, T. Thirumalai, G. Arumugam, **Gnanavel Rathinam**, A. Abduz Zahir, B. Senthilkumar (2021). Antifertility effect of aqueous leaf extract of *Prosopis cineraria* in male albino rats. International Journal of Pharmaceutical Sciences and Clinical Research 1(1):16-21.
- ✚ Karthick S, Samson A, Girikaran P and **Gnanavel R** (2018). Observation on a survival adaptation of invasive *Opuntia stricta* (Haw.) Haw. growing on *Acacia leucophloea* (Roxb.) Willd. Int. j. botany stud. 3(4): 12-13.
- ✚ **Gnanavel R** and Franklin Charles Jose (2017). Deciphering the botanicals in the ‘Irula Pambukadi Choornam’ an antidote against snake bite. Kong. Res. J. 4(1): 129- 131.

✚ **Gnanavel R** and Franklin (2014). Medicinal plant-based antidote against snake bite by Irula tribes of Tamil Nadu, India. *World J Pharm Sci.* 2(9): 1029-1033.

13. Acted as Resource Person Details

S.No.	Topic	Name of the Program	Place	Date
1.	“National Science Exhibition, Science Expo 2024” – Acted as Judge	National Science Exhibition	Dr. A.P.J. Abdul Kalam Association, E.R.K Arts and Science, Erumiyampatti, Pappireddipatti Tk, Dharmapuri District	28 th February 2024
2.	“Plants in Daily Life”	Inservice Training Program for School Teachers	Organized by Tamil Nadu State Council for Science and Technology and RVS College of Arts and Science, Suler Coimbatore	10 th January 2024
3.	“Climate Change”	Vayal Veli	All India Radio AIR Dharmapuri 102.5 FM	11 th December 2023 @ 07.25pm
4.	“Botanical Horizons: Navigating Diverse Careers for Botany Graduates”	State Level Seminar	PG and Research Department of Botany, St. Mary’s College, Thoothukudi	19 th October 2023
5.	“Job Opportunities for Botany Students”	Guest Lecture Program	PG and Research Department of Botany, St. Mary’s College, Thoothukudi	09 th August 2023

6.	“Documentation of the Irula medicinal practice against snake bite”	Guest Lecture Program	Department of History, Sri Vijay Vidyalaya College of Arts and Science, Dharmapuri	19 th October 2022
7.	“Pazhangudiyinarin Maruthuva Muraigal”	Awareness Webinar Series	Thiru.Vi.Ka. Pechchu Payilarangam, Jeeva Park Branch	7 th February 2021 @ 08.20am to 9.30am
8.	“Panbunirai Pazhangudiyinarin Vazhviyal Vazhimuraigal”	Awareness Webinar Series	Muppaa	13 th January 2021 @ 06.20pm
9.	“Snake bite and it’s treatment with traditional medicine”	Awareness Webinar Series	Lakshmi Future Career Guidance in India	7 th January.2021 @ 07.00pm
10.	“Kalanilai maatram, puviveppamayamathal matrum sulalukku ogunthamatra vazhigal”	Vayalum Vazhvum	All India Radio, Udhagamandalam & Ooty FM 101.8	7th March 2019 (Thursday)
11.	“Tribal people and their medicinal practices particularly against snakebite”	Iyarkarkayen Mozhigal program daily at 6am.	All India Radio, Udhagamandalam & Ooty FM 101.8	27 th November to 2 nd December 2017

14. Seminars, Conferences, Symposia Workshops etc. Organized by me

S. No.	Program	National/ International	Organizer	Date	Position
1.	Naan Mudhalvan - Medical Coding for Employability	State Level	PG & Research Department of Botany, Sri Vijay Vidyalaya College of Arts and Science, Nallampalli In collaboration with Naan Mudhalvan -TN Tamil Nadu Apex Skill Development Centre for Healthcare	24.03.2023 To 29.04.2023	Coordinator
2.	"Modern Trends in Plant Sciences- 2023 (MTPS-2023)"	National Level	PG & Research Department of Botany, Sri Vijay Vidyalaya College of Arts and Science, Nallampalli	13.03.2023	Organizing Secretary
3.	"Scope and Current Trends in Bio- Science-2022 (SCTBS-2022)	International Level	PG & Research Department of Botany, Sri Vijay Vidyalaya College of Arts and Science, Nallampalli	12.04.2022	Organizing Secretary
4.	One Day Seminar on "Mushroom Cultivation Techniques"	College Level	PG & Research Department of Botany, Sri Vijay Vidyalaya College of Arts and Science, Nallampalli	18.09.2021	Organizing Secretary
5.	Three Days Students Orientation Program on "The success tricks of competitive exams"	College Level	Competitive Examination Guidance Cell 2021-2022,	09.10.2021 23.10.2021 13.11.2021	Convenor

			Sri Vijay Vidyalaya College of Arts and Science, Nallampalli		
6.	Institutional Visit @ Krishi Vigyan Kendra Tamil Nadu Agricultural University, Papparapatty – 636 809 Dharmapuri District, Tamil Nadu	-	PG & Research Department of Botany, Sri Vijay Vidyalaya College of Arts and Science, Nallampalli	01.11.2021	Program Coordinator
7.	28th National Conference of Soil Conservation Society of India (SCSI), New Delhi on Farmers’ Friendly Soil and Water Conservation Technologies for Mitigating Climate Change Impact	National	Jointly organized by SCSI, New Delhi, ICAR- Indian Institute of Soil and Water Conservation, Regional Centre, Udhagamandalam and Tamil Nadu State Chapter of SCSI	31.01.2019 To 02.02.2019	Organizing Committee Volunteer Member
8.	DST Inspire Science Camp 2017- 2018	State Level (DST Sponsored)	Government Arts College, Udhagamandalam- 02, Tamil Nadu	2018	Organizing Committee Member

15. Participated Faculty Development Program details:

S.No.	Name of the program	Organized by	Held at	Dat of the program
1.	Webinar on "Science Behind Stress: Learning Physiology of Asian Elephants"	IQAC, Sree Narayana College, Kollam as part of AGORA-2024	Google Meet	24.02.2024
2.	Five days webinar on "Padaippatralin Membadu"	Department of Tamil, Holi Cross College (Autonomous), Tiruchirappalli	Hybrid Mode	14.11.2023 to 18.11.2023
3.	Webinar on Planning for NAAC Re-accreditation	IQAC, Sree Narayana College, Kollam, Kerala	Google Meet	16.10.2023
4.	UGC -Webinar on NEP – 2020: Environment & Development Solutions to Plastic Pollution	UGC-HRDC, JNVU, Jodhpur	Online	06.10.2023
5.	Multidisciplinary Faculty Development Programme	IQAC and Department of Psychology, Salem Periyar University,	Psychology Lab, Periyar University, Salem	28.08.2023 To 02.09.2023
6.	Naan Mudhalvan - Faculty Development Programme (Phase 2) entitled "Medical Coding for Employability"	Tamil Nadu Apex Skill Development Centre for Healthcare, Sri Towers, 2nd Floor, No.34, Developed Plot (South Phase), Guindy Industrial Estate, Chennai, India – 600 032	Periyar University, Salem	06.02.2023 To 10.02.2023

16. Completed Course work program details:

S. No.	Title of the Course Work	National/ International	Organizer	Date of the Course work Program
1.	Course work on research methodology in Botany	National	Department of Botany, Government Arts College, Udhagamandalam, TN	September 2013- March 2014
2.	Training program on research methodology in Zoology	National (UGC sponsored)	School of Life Science, Department of Zoology, Bharathiar University, Coimbatore, TN	21 st -25 th January 2014

17. Participated Workshop program details:

S. No.	Title of the Workshop	National / International	Organizer	Date of the Workshop Program
1.	One Day National Workshop on “Innovative Approaches on Value Added Products and Entrepreneurship Development in Medicinal Plants”	National	Department of Botany, School of Life Sciences, Periyar University, Salem - 636 01, TN	23 rd September 2022
2.	Three Days workshop on “Creation of Scientific Awareness Program	State (TNSCST Sponsored)	Government Arts College, Udhagamandalam, TN	29 th - 31 st January 2018

3.	Two days' workshop on securing vulture population in southern India	National	Department of Zoology & Wildlife Biology, Government Arts College, Udhagamandalam, TN	8 th -9 th January 2018
4.	Two days national level workshop on "Academics' science lecturer on plant taxonomy: morphology to molecular approach"	National	Department of Botany, Vivekanandha College of And Science for Women, Elisapatti, Trichengodu	7 th -8 th March 2017
5.	Three days national level workshop on "cell culture techniques, cell proliferation assays and gene expression analysis by RT-PCR"	National	Department of Pharmaceutical Biotechnology and Department of Pharmacology, JSS College of Pharmacy, Udhagamandalam, TN	14 th - 16 th July 2016
6.	National level workshop on DNA barcoding: hands on practice for beginners	National	Department of Zoology & Wildlife Biology, Government Arts College, Udhagamandalam, TN	30 th & 31 st March 2016
7.	One day workshop on "advanced experimental techniques and data acquisition in pharmacological research"	National	Department of Pharmacology, JSS College of Pharmacy, Udhagamandalam-01, TN in Collaboration with AD Instruments South Asia (India)	5 th October 2015
8.	Two days national workshop on "Pharmacoinformatics -in silico tools for next generation biological and drug research"	National (DST-SERB- ICMRA and JSS University,	Department of Pharmaceutical Biotechnology, JSS College of Pharmacy, Udhagamandalam, TN	17th & 18th September 2014

		<i>Mysore Sponsored)</i>		
9.	Workshop on social science research methodology	International	Social Science Research Forum, Sri Ramakrishna Mission Vidyalaya College of Arts and Science (Aut), Coimbatore, TN	24 th February 2014
10.	Current scenario in botanical research	National (<i>DST-PURSE sponsored</i>)	School of Life Science, Department of Botany, Bharathiar University, Coimbatore, TN	13 th December 2013
11.	Workshop on gender equality	National	NIPCCD, 5 Siri Institutional Area, Hauz Khas, New Delhi	12 th to 14 th August 2013

18. Papers presented/attended in Seminars/ Science congress/ Conferences:

S. No.	Title of the paper	National/ International	Organizer	Abstract Page No.
1.	International Conference on Future Perspectives of Bioresources and Nanosciences (FPBN-2023)	International	Department of Botany, School of Life Sciences, Periyar University, Salem-636 011, Tamil Nadu	16 th & 17 th February, 2023
2.	National Workshop on Innovative Approaches on Value Added Products and Entrepreneurship Development in Medicinal Plants	National	Department of Botany, School of Life Sciences, Periyar University, Salem-636 011, Tamil Nadu	23 rd September, 2022
3.	DBT Sponsored Popular Lecture Series on “Exploring &	DBT	JSS College of Pharmacy, Ooty	29 th & 30 th , October, 2021 (Through

	Understanding COVID- 19 Pandemic”			Virtual mode)
4.	“Farmers awareness campaign on balanced use of fertilizers” in commemoration of 75 th years of Indian Independence	-	ICAR-IISWC, Research Centre Udhagamandalam	June 18, 2021) (Through Virtual mode)
5.	Is people’s movements affects White-Rumped Vulture nesting colony: a cause studies for Siriyur Nesting colony, Nilgiri north forest division, The Nilgiris, Tamil Nadu	National	Department of Zoology and Wildlife Biology, Government Arts College, Udhagamandalam -643 002	8 th to 9 th January 2018 Proceedings Pg.no.120-121
6.	The documentation of Irula medicinal practice against snake Bite	International	Department of Pharmacognosy & Phytopharmacy JSS College of Pharmacy, Ooty	11-12th December 2017 ePoster
7.	Unraveling the botanicals in the 'Irula Pambukadi Choornam' an antidote against snake bite	National	Department of Pharmaceutical Biotechnology, JSS College of Pharmacy, Ooty	15 th - 16 th September 2017
8.	Anti-snake bite plants–a bioinformatic approach	National (JSS University, Mysore and ICMR)	Department of Pharmaceutical Biotechnology, JSS College of Pharmacy, Ooty	-
9.	Medicinal plant	National	Department of Zoology &	NSCSS-

	composition of 'Suranam' used by Irulas to cure snake bite	(<i>UGC, CSIR, TNSCST, HADP, etc.,</i>)	Wildlife Biology, Government Arts College, Udhamandalam, TN	27 th to 28 th February, 2014 Ab Pg.no.13
10.	Anti-inflammatory and anti-migraine plants used by toda tribes in nilgiris	National (<i>UGC, CSIR, TNSCST, HADP, etc.,</i>)	Department of Zoology & Wildlife Biology, Government Arts College, Udhamandalam, TN	NBRJ-2013 -28 th to 30 th August, Ab Pg.no.141
11.	Toda ethnomedicine-a bioinformatic approach	National (<i>UGC, SERO, Hyderabad sponsored</i>)	PG& Research Dept. of Botany, Nesamony Memorial Christian College, Marthandam-65.	27 th & 28 th January 2012 ETM 11 Pg.no.23
12.	Drug leads from Toda ethnomedicine	MOTIF 11 National	Department of Bioinformatics, Bharathiar University, Coimbatore-46	30 th December 2011 proceedings pg.no.23
13.	Nanotechnology	National (<i>UGC sponsored</i>)	PG & Research Dept. of Botany, Government Arts College (Aut), Coimbatore-18	Ab pg.no.151

19. Area of specializations

- Ethnobotany
- Snake Bite Anti-Venom Studies
- Plant Biochemistry
- Phytochemistry
- Pharmacology
- Pharmacognosy

20. Extracurricular activities

National Service Scheme (NSS) Volunteer (2007-2010) and **Senior Leader** (2009-2010) at Government Arts College (Autonomous), Coimbatore-18.

21. Extension Work/Community Service

- I have received **award of Certificate “A”** for 2005-2007 for satisfactory fulfilled the criteria specified in the G.O. Ms. No. 8 dated 21st February 2005 as a **NSS Volunteer** of Tiruvannamalai Danish Mission Higher Secondary School.
- I have received **NSS Special Camp Certificate “A”** for the actively associated myself acted as **NSS Volunteer** of Tiruvannamalai Danish Mission Higher Secondary School in the special camp held at Malappampadi for 25.09.2005 to 04.10.2005
- I have participated in the workshop on the **“Role of Students in Water Conservation & Management**, jointly organized by TN-IAMWARM Project and Department of Social Work, Bharathiar University Coimbatore held on 23rd September 2009 at Bharathiar University Coimbatore.
- Certificate of Appreciation** Received from Rotary Club of Coimbatore Texcity & CRPF in association with True Value Homes presented TVH Marathon - 2009 held on 8th November 2009.
- Certificate of Appreciation** Received from GEM Hospital & Research Centre and National Service Scheme (NSS), Bharathiar University for actively took part in a **“MEGA – ANTI-OBESITY, WALKATHON” RALLY** to highlight the dangers of obesity, organized by “GEM Digestive Diseases Foundation on 25th October 2009 as an NSS Volunteer.
- I have received participation certificate in the **AWARNNESS MARCH** organized by Indian Red Cross Society Coimbatore, in communication of the **WORLD AIDS DAY & 75th YEAR PLATINUM JUBILEE CELEBRATION OF IRCS** Coimbatore on 15th December 2009.
- I have participated in the **CLIMATE CHANGE AWARENESS CAMP** held at Coimbatore on 27.02.2010 organized by NSS Government Arts College in collaboration with Pease Trust, Dindigul and Star Welfare Society (NGO) Coimbatore.

- I have participated in the **KIDNEYWALK 2010** held on 7th March 2010 in connection with World Kidney Day 2010 at Coimbatore and organized by SPT Hospital Coimbatore.
- I have participated in the **HEALTH WALK** held on 7th April 2010, Organized jointly with World Health Organization on World Health Day – 2010 at Coimbatore.
- I got appreciation certificate the blood donation from Youth Red Cross Programme Officer Government Arts College (Autonomous) Coimbatore.
- I have participated in the World Hepatitis Day 2010 – Mini Marathon held on 23rd May 2010 at Govt. Arts College, Coimbatore organised by VGM Hospital.
- I have received appreciation certificate has done dedication and yeomen service during World Classical Tamil Conference held at Coimbatore from 23rd -27th June 2010 by assisting Coimbatore City Police, Transport Commissioner and Tamil Nadu Tamil Nadu Consumer Goods Corporation for the service during the conference days was remarkable and highly appreciable.
- I was awarded the certificate of honor with hearty congratulations and sincere appreciation from Tamil Nadu State Aids Control Society & Tamil Nadu State Blood Transfusion Council, Chennai for voluntary blood donation in service to suffering patients on 05th August 2022.
- I have engaged myself in the revitalization of Maharashtra State Migrant People from Tamil Nadu; those who are all went to Maharashtra State for the purpose of Daily wages, due to COVID 19 Virus spreading, The Indian Government announced the Nationwide Lockdown (COVID-19 First Lockdown March 2020), this circumstance, they lost the job and livelihood, at the time I was there and I have coordinated all the people those who are suffered in the same. In this context, I have requested to the both State Governments (Tamil Nadu and Maharashtra) to take them from Maharashtra to Tamil Nadu and at the end I dig up victory to saved more than 250 Individuals with help of Tamil Nadu and Maharashtra Governments and NGOs. Then all peoples were shifted by train and then I got appreciation from Tamil Nadu and Maharashtra Governments as well as all the Peoples with their families' members who are all involved in the same. This is my one of the foremost triumphs in my life.**

22. Other vital details

I have played the following vital role in the previous served Institution.

- Coordinator, Naan Mudhalvan_ TNASDC_ Medical Coding for Employability.
- Over All Faculty Coordinator, SVVCAS_ Placement Training and Guidance Cell
- Over All Coordinator for NAAC Compiling work
- Convenor, Competitive Exam Training and Guidance Cell (Science Stream)
- Department Research Coordinator
- Department Program Coordinator

Currently, I am playing the following vital role in the present serving Institution

- Over All Data Collecting for NAAC Compiling work
- Member in Academic Council
- Member in College Scholarship Committee

23. Computer Knowledge

The operational knowledge on MS Office, Photoshop, CorelDraw, etc.,

24. Declaration

I hereby declare that the information given above is true to the best of my knowledge and belief.

Place:

Date:

Yours Faithfully

(Dr. R. Gnanavel)