



**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS),
POONDI - 613503, THANJAVUR - DT.**



STAFF PROFILE as on : 31.01.2022

1. Name of the Staff : **Dr.C. KARPAGA SUNDARI**
2. Designation : ASSISTANT PROFESSOR
3. Academic Qualification : M.Sc., M.Phil., Ph.D

Course	UG	PG	M.PHIL.	Ph.D.
Year	1999	2001	2002	2017
College & University	K.N. Govt Arts College , Thanjavur, Bharathidasan University Tiruchirapalli	A.V.V.M Sri Pushpam College (Autonomous), Poondi. Bharathidasan University Tiruchirapalli	A.V.V.M Sri Pushpam College (Autonomous), Poondi. Bharathidasan University Tiruchirapalli	A.V.V.M Sri Pushpam College (Autonomous), Poondi. Bharathidasan University Tiruchirapalli

4. Date of Birth & Age : 11.09.1981,38

5. Date of Appointment : Self - Finance :

D	D	M	M	Y	Y	Y	Y
2	1	0	8	2	0	0	9

FIP :

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Aided :

1	6	0	6	2	0	1	7
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6. Total Service : 12 years

7. Teaching Experience in completed years : UG PG M.Phil.

8. Residential Address : 74, Thiyagarajar Mannaiyar Garden,
Mariyamankovil,
Thanjavur-613501.

Mobile Number : 8300066240

E-Mail Address : sundarikarpagam1981@gmail.com

9. No. Of Orientation / Refresher Courses and Training Programmes attended : 07 Annexure - I

10. Whether FDP availed, if yes, furnish details : Nil Annexure - II

11. No. Of Seminars attended : 53 Annexure - III

12. No. Of Papers Presented : 02 Annexure - IV

13. No. Of Papers Published : 13 Annexure - V

14. No. Of Books Published : 01 Annexure - VI

15. No. Of Guest Lectures delivered in other institutions : Nil Annexure - VII

16. No. Of Research Projects undertaken : Minor Nil Major Nil Others (Specify) Nil Annexure - VIII

17. No. Of Seminars organised : Annexure - IX

18. No. Of M.Phil. Scholars Guided : Nil Completed Nil Ongoing 01 Annexure - X

19. No. Of Ph.D. Scholars Guided : Nil Awarded Nil Ongoing Nil Annexure - XI

20. Participation in Academic Research Bodies in other institutions : Nil Annexure - XII

21. Service rendered in academic / Extra Curricular/ Extension activities within the College other than teaching : Nil Annexure - XIII

22. Service rendered in Professional bodies outside the College : Nil Annexure - XIV

23. Honors / Awards received : Nil Annexure - XV

Signature of the Staff

ANNEXURE - I

DETAILS OF ORIENTATION, REFRESHER COURSES AND TRAINING PROGRAMMES ATTENDED:

SL. NO.	COURSE	UNIVERSITY	PERIOD	TITLE
1.	Training programme on Edible Mushroom Cultivation Technology.	A.V.V.M.Sri Pushpam College (Autonomous),Poondi.	17.07.2004	Edible Mushroom Cultivation Technology
2.	Training Programme on Food Technology.	A.V.V.M.Sri Pushpam College (Autonomous),Poondi.	07.02.2005 To 09.02.2005	Food Technology.
3.	Training programme on Edible Mushroom Cultivation Technology.	A.V.V.M.Sri Pushpam College (Autonomous),Poondi.	18.12.2009 To 24.12.2009.	Edible Mushroom Cultivation Technology
4.	Training programme on Edible Mushroom Cultivation Technology.	A.V.V.M.Sri Pushpam College (Autonomous),Poondi.	05.10.2010	Edible Mushroom Cultivation Technology
5.	Special orientation for professors	A.V.V.M.Sri Pushpam College (Autonomous),Poondi.	06.04.2015-18.04.2015	Special orientation for professors
6.	Orientation Programme	BDU – Trichy-24	20.08.2018-09.09.2018	106 Orientation Programme
7.	Refresher Course	Bharathiar University, Thiruchirappalli-24	29.12.2021-11.01.2-22	Refresher Course in Life Sciences

ANNEXURE - II

WHETHER FDP AVAILED, IF YES, FURNISH DETAILS

Name of the institution	Period of Study	Date of submission	Awarded
Nil	Nil	Nil	Nil

SEMINARS/CONFERENCES, SYMPOSIA, WORKSHOPS, ETC ATTENDED

Sl. No.	Title of the Seminars/Conferences, Symposia, Workshops	Level (State / National / International)	Sponsoring Agency and Name of the Institution	Date
1.	Rural seminar women entrepreneurship : The dynamics of progress and its Recversal	National	Association of economic of Tamil Nadu UGC PG and Research Department of Economics A.V.V.M Sri Pushpam College (Autonomous) Poondi	March 20&21 2015.
2.	Seminar on recent trends in biological science	State	Department of Botany & microbiology A.V.V.M Sri Pushpam College (Autonomous) Poondi	August 13 th 2015.
3.	National conference on Intellectual property Rights in Biodiversity and Biotechnology (IPRBB 2015)	National	DST- FIST-PG and Research Department Of Zoology and Biotechnology A.V.V.M Sri Pushpam College (Autonomous) Poondi	Sept 15 th -16 th 2015.
4.	Two days National seminar on challenges and funding opportunities for women in -life science and economics.	National	Department of science and economics ,Central Iniversity of Tamil nadu Thiruvavarur	Feb 4 th – 5 th 2016
5.	National Conference on Recent Advances in Modern Biology and Rural Development (RAMBARD – 2017),	National	A,V.V.M.Sri Pushpam College (Autonomous), Poondi, Thanjavur in Collaboration with Department of Microbiology, Bharathidasan University, Trichy-24.	Oct 5 th & 6 th 2017
5.	National symposium on seaweeds – an emowering entrepreneurship (NSS – 2018).	National	PG and Research Department of Botany, H.H. The Rajah's college (Autonomous-B+),Pudukkottai, Tamil Nadu, India.	Feb 9 th 2018.
6.	National level lecture workshop on plant tissue culture and phytochemistry.	National	Bharathidasan University, Thiruchirappalli – 620 024.	March, 21 st 2018.

7.	National Seminar on Sensitizing the women on Environmental Issues	National	PG and Research Department of Zoology, Rajah serfoji Govt. College (Autonomous), Thanjavur, Tamil Nadu, India.	22 nd & 23 rd March 2018.
8.	Science academies lecture workshop on Biodiversity for human welfare current and future trends.	National	Department of Botany school of life sciences, Bharathidasan University, Thiruchirappalli – 620 024.	Sep. 24 th & 25 th , 2018.
9.	Master Drive in the Classroom Department & Campus management under Faculty Enrichment Programme.	Webinar	A,V.V.M.Sri Pushpam College (Autonomous), Poondi, Thanjavur in Collaboration with series of CAREER CELL, Chennai.	July 11,12 & 13, 2020.
10.	Planting Material in Banana	National	ICAR- National Research Centre for Banana, Thayanur, Thiruchirappalli.	Aug. 07.08. 2020
11.	Current Scenario in Therapeutics – Prospects and Challenges.	International Webinar	Department of Life Science, Srimad Andavan Arts and Science College (Autonomous), Tiruchirappalli – 620005.	March, 18 th and 19 th 2021.
12.	7 th International Yoga Day – 2021.	International Webinar	Department of Value Education, Tamil Nadu Teachers Education University, Chennai-97.	June 21- 2021
13.	Life Skills and Wellness During Pandemic.	Faculty Development Programme	AMET Business School,	July, 05 th – 11 th 2021
14.	Industrial Innovations and Entrepreneurship Opportunities in Algal Biotechnology (IIEA 2021).	International Webinar	Department of Microbiology, Madras Christian College (Autonomous), Chennai.	July, 26 th – 28 th 2021.

15.	Positive Psychology : Approaches and Applications.	National Seminar	Centre for Educational Research, Madurai Kamaraj University, Madurai.	April 21 st -22 nd 2021.
16.	Classroom Based Action Research.	National Seminar	Centre for Educational Research, Madurai Kamaraj University, Madurai.	April 28 th & 29 th 2021.
17.	Reimagining Plant Sciences for Sustainable Future – Opportunities and Challenges.	National level Faculty Development Program	PG and Research Department of Botany, Holy Cross College (Autonomous), Trichy-02,	August 2 nd to 6 th 2021.
18.	Plant Cell Culture Techniques: Present and Future Prospects.	National level seminar	Department of Botany, G.Venkataswamy Naidu College (Autonomous), Kovilpatti -628502.	August 5 th 2021.
19.	Phytoremediation	National level seminar	Department of Botany, G.Venkataswamy Naidu College (Autonomous), Kovilpatti -628502.	August 10 th 2021.
20.	Climate Change	UGC-Sponsored Webinar	UGC- HRDC, Bharathidasan University, Trichy-23.	August 11 th 2021.
21.	Bioinformatics and Molecular tools to understand plant Genome Diversity (NBMPGD-21)	National level Webinar	Department of Bioscience and Biotechnology, University College of Arts And Science (UCAS), Krishna University, Machilipatnam.	August 12 th 2021.
22.	Learning Outcomes – Based Curriculum Framework (LOCF)	National Level Faculty Development Webinar	Office of Controller of Examinations, Muthurangam Govt. Arts College (AUT), Vellore.	August 14 th 2021.

23.	Professional Ethics for Teachers	UGC-Sponsored Webinar	UGC- HRDC, Bharathidasan University, Trichy-23.	August 16 th 2021.
24.	Biological Innovations for Resource Management and Sustainable Development.	Faculty Development Programme: International Webinar	PG and Research Department of Botany, Jamal Mohamed College (Autonomous), Trichy.	August 24 th to 26 th 2021.
25.	Digital Learning Resources for Academic Excellence.	Webinar	Library and Information Centre of Dharmapuram Adhinam Arts College, Mayiladuthurai.	August 25 th 2021.
26.	Industry 4.0 and Microbiological safety in food : What to Expect?	International Webinar.	Department of Microbiology, K.R.College of Arts and Science, Kovilpatti.	August 27 th 2021.
27.	Life Sciences: Acceptance of the New Normal.	International Conference	Faculty of Life Sciences, St.Aloysius's College (Autonomous), Jabalpur, Madhya Pradesh.	August 27 th & 28 th 2021.
28.	Models and Tools to Advanced Electronic Teaching and Learning Program.	5 days Faculty Development Programme	Internal Quality Assurance Cell (IQAC) and Department of Sciences.	August 31 st to Sep. 4 th 2021.
29.	Recent Development of Beneficial Microorganisms in Food and Agriculture.	International Webinar	Department of Agricultural Microbiology, Faculty of Agriculture, Annamalai University	Sep. 14 th 2021.
30.	Physical and Mental Health in NeoNormal Situation.	International Seminar	Skill Development Centre, Tamil Nadu Teachers Education University Chennai.	Sep.17 th to 19 th 2021.

31.	E- Filling of Tax Returns	Three Day Faculty Development Programme	IQAC, association with Ayya Nadar Janaki Ammal College, Sivakasi.	Sep.20 th to 23 th 2021.
32.	Mission on Interdisciplinary Approaches in Biological Sciences	National level Seven days Faculty Development Programme.	Department of Microbiology in Association with IQAC , Sengamala Thayaar Educational Trust Women's College, (Autonomous), Sundarakkottai.	Sep.20 th to 26 th 2021.
33.	Remote Sensing and GIS Applications for the Botanists.	National Webinar	Botany Department, M.G.Science Institute, Indian Society of remote Sensing, TREES, Ahmedabad.	Sep.21 st to 22 nd 2021.
34.	Significance of IPR in Current Era,	Three Days FDP.	IQAC, UGC Paramarsh Scheme, Ayya Nadar Janaki Ammal College, Sivakasi.	Sep.21 st to 23 2021.
35.	Impact of Intellectual Property Rights on Green Innovation in Doodle Crafts.	Three Days FDP.	Legal Literacy Club, IQAC, UGC Paramarsh Scheme, Ayya Nadar Janaki Ammal College, Sivakasi.	Sep.21 st to 23 2021.
36.	Institutions and Entrepreneurial Ecosystem	Three Days FDP.	IQAC, UGC Paramarsh Scheme, Ayya Nadar Janaki Ammal College, Sivakasi.	Sep.22 nd to 24 th 2021.
37.	Intellectual Property Rights	Three Days FDP.	IQAC, UGC Paramarsh Scheme, Ayya Nadar Janaki Ammal College, Sivakasi.	Sep.22 nd to 24 th 2021.
38.	Bloom's Taxonomy based Question Paper Design for Outcome Based Education in Biotechnology.	Workshop.	IQAC, UGC Paramarsh Scheme, Ayya Nadar Janaki Ammal College, Sivakasi.	Sep.21 st to 23 2021.

39.	Save Girl Child and Gender Equality	National Webinar	Red Ribbon Club, Sengamala Thayaar Educational Trust Women's College, (Autonomous), Sundarakkottai.	Oct. 02 nd 2021.
40.	Pharmacy and Health Care : A paradigm shifts from Traditional Knowledge to Modern Techniques including Recent Career Avenues.	Five days National Workshop	School of Pharmacy, Desh Bhagat University, Mandi Gobindgarh, Punjab.	Oct. 4 th to 8 th 2021.
41.	Marine Bioprospecting and its role in Challengeable Diseases – 21 (MBC – D21).	Two days National Virtual Conference	Department of Marine Science, Tiruchirapalli 24.	Oct. 11 th to 12 th 2021.
42.	Wildlife Conservation	National Webinar	Enviro Club, St. Joseph College of Arts and Science (Autonomous), Cuddalore.	Oct. 11 th to 12 th 2021.
43.	Biodiversity of Microalgae and its Identification Techniques – tapping the ancient power of microalgae	Three days Virtual Training	PG Department of Botany, Srimad Andavan Arts and Science College (Autonomous), Trichy, Tamil Nadu, India.	Oct. 13 . 2021.
44.	Path towards Academic Excellence	Webinar	Tamil Nadu Librarians.Com	Oct. 31 st 2021.
45.	Biopharmaceutical Technology & Probiotics.	One week Online National Level Faculty Development Programme	Department of Zoology, St.Aloysius' College (Autonomous), Jabalpur. (M.P), India.	8 th to 14 th Nov. 2021.
46.	Environment and Sustainable Development: Problems and Mitigation (ESDPPM)	3 days International e- Conference	Department of Botany, Seva Bharati Mahavidyalaya, Kapgari, Jhargram, West Bengal.	Nov. 25 th to 27 th 2021.

47.	Exploring the Resources of NDLI	Webinar	Tamil Nadu Librarians.Com	Nov. 28 th 2021.
48.	Women At Workplace: Is Gender Equality Still at Crossroads?	National Webinar	Department of Education, West Bengal State University, Barasat, Kolkatta-700126.	04 th Dec. 2021.
49.	Integrated Genomics and Proteomics Approach for Cancer Research	Webinar and Workshop	Tata Memorial Centre, ACTREC, Kharghar, Navi Mumbai.	04 th Dec. 2021.
50.	Biodiversity 2 (1-10)	Webniar	Department of Botany, Lalgarh Govt. College, Jhargram, West Bengal.	07.08.2021 to 18.12.2021.
51.	CAREER OPPORTUNITIES IN LIFE SCIENCES	National level Webinar	Department of Microbiology and Biotechnology, School of Basic Sciences, Faculty of Arts and Sciences, BIHER, Chennai-600073.	2 nd Feb. 2022.
52.	Cultivation of Edible Mushroom	One day State Level Webinar	Department of Botany, PT.Jawaharlal Nehru College Nawagarh (C.G)	7 th Feb 2022.
53.	Online Webinar on Leadership	Webniar	UGC Human Resource Devvelopment Centre, Gujarat University, Ahmedabad.	15 th Dec. 2021

PAPERS PRESENTED IN SEMINARS/CONFERENCES, SYMPOSIA, WORKSHOPS, ETC

Sl. No.	Title of the Paper	Level (State / National / International)	Sponsoring Agency and Name of the Institution	Date
1.	National Conference on the role of Indian medicinal plants and Indian systems of medicine on rural health.	National	Department of Botany & microbiology A.V.V.M Sri Pushpam College (Autonomous) Poondi.	Feb. 8 th – 10 th 2007.
2.	National conference on recent advances in modern biology and rural development (RAMBARD – 2017).	National	Department of Botany & microbiology A.V.V.M Sri Pushpam College (Autonomous) Poondi	Oct.5 th & 6 th 2017.

ANNEXURE – V

RESEARCH PAPERS PUBLISHED:

Sl. No.	Title of the Paper	JOURNAL			Page Number
		Name	Volume	Year / Month of Publication	
1.	<i>In vitro</i> plant Regeneration from shoot tip and nodal explants of <i>Rhinacanthus nasutus</i> (L) Kurz	International J.A.PS.BMS	Vol.1(4)	Dec, 2012	347-353
2.	Free radical scavenging activity of <i>Physalis minima</i> L. Leaf extract (PMLE).	Journal of Medicinal Plant Studies	Vol.2(4)	August, 2014	59-64
3.	Analysis of bioactive compounds in <i>Physalis minima</i> leaves using GC-MS HPLC, UV –Vis and FTIR techniques	Journal of Pharmacognosy and Phytochemistry	Vol. 3(4)	Dec, 2014	196-201
4.	<i>In vitro</i> Anti diabetic activity of <i>Physalis minima</i> methanolic leaves extract	International Journal of research in plant science	Vol.5(4)	Sep-2015	37-40
5.	Antibacterial activity on leaves extract of <i>Croton sparsiflorious</i> and <i>Jatropha gossipifolia</i>	International Journal of Innovative Science and Research Technology	Vol. 3 (6)	June – 2018	484 -487

6.	Pharmacognostic evaluations of callus in <i>Mimosa pudica</i> L.	Journal of Emerging Technologies and Innovative Research (JETIR).	Vol. 5 (7)	July – 2018	77 – 80
7.	PRELIMINARY PHYTOCHEMICAL EVALUATION AND ANALYSIS OF INORGANIC ELEMENTS ON <i>PHYSALIS MINIMA</i> L.	International Journal of Pharma and Bio Sciences	Vol. 9 (3)	July – 2018	25 – 28
8.	<i>IN VITRO</i> CLONAL PROPAGATION OF VULNERABLE MEDICINAL PLANT <i>PHYSALIS MINIMA</i> L.	International Journal of Pharmacy and Biological Sciences	Vol. 8 (3)	Sep. – 2018	365- 370
9.	<i>IN VITRO</i> ANTIOXIDANT AND ANTIBACTERIAL ACTIVITY OF DIFFERENT EXTRACTS OF <i>MIMOSA PUDICA</i> L.	Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences.	Vol. 4 (6)	Nov - 2018	111-121
10.	Evaluation of Anti-inflammatory activity of <i>Physalis minima</i> L.	The International journal of analytical and experimental modal analysis	Vol. 11 (11)	Nov - 2019	241- 247
11.	Assessment of antiulcer activity of <i>Physalis minima</i> L.	SJI – Journal of Interdisciplinary and Multidisciplinary Research	Vol. 12 (12)	Dec - 2019	234-246
12.	Advances in Medical Science and Molecular Biology	International Journal of Life Science Pharma Research	SP 13, SP 47	March - 2020	235-240
13.	STUDIES ON THE ACTIVE COMPONENTS OF SENSITIVE PLANT <i>Mimosa pudica</i> L. (MIMOSACEAE)	Plant Cell Biotechnology and Molecular Biology	22 (57&58)	Oct- 2021	88-96

ANNEXURE - VI

BOOKS PUBLISHED:

Sl. No.	Name of the Book / Title of the Article / Book / Editor	Publisher	Place and Year of Publication
1.	Comparative Study on Effect of Biofertilizers and Chemical Fertilizers on Growth Development and Yield Production of Paddy Crop (<i>Oryza sativa</i> L.) with Special Reference to <i>Azolla pinnata</i>	Bharathi Publication, National Publisher for Higher Education, New Delhi	New Delhi, December, 2021. ISBN:978-93-91681-08-1

ANNEXURE - VII

GUEST LECTURES DELIVERED:

Sl. No.	Title of the Guest Lecture	Place	Date
	Nil	-	-

ANNEXURE - VIII

RESEARCH PROJECTS - ONGOING AND COMPLETED:

SL. No.	Title of the project	Minor/ Major	Name of the Funding Agency	Period	Amount Sanctioned	UC Submitted If Yes, Date and Year
	NIL	-	--	-	-	-

ANNEXURE - IX

SEMINARS, CONFERENCES, SYMPOSIA, WORKSHOPS ORGANIZED:

Sl. No.	Title of the Seminar/Conference/Symposia Workshop	Name of the Sponsoring Agency	Amount Sanctioned	Period	UC submitted If Yes, Date and Year
	Nil	-	-	-	-

ANNEXURE - X

Research Experience (M.Phil.) - Guided and Guiding

Sl. No.	Name of the Scholar	Title of the Dissertation	Year of Study	University
1.	Mrs.Kanomozhi	Ongoing	2021-2022	Bharathidasan University, Trichy 24.

ANNEXURE - XI

Research Experience (Ph.D.) - Awarded, Submitted and Guiding

Sl. No.	Name of the Scholar	Title of the Thesis	Year of Study	University
	NIL	-	-	-

ANNEXURE - XII

PARTICIPATION IN ACADEMIC RESEARCH BODIES IN OTHER INSTITUTIONS:
 (Mention the period in the relevant column)

Name of the Institution	Academic Council	BOS	Research committee	Academic Audit committee	Member in University committee	Any other (specify)
NIL	-	-	-	-	-	-

ANNEXURE - XIII

SERVICE IN ACADEMIC / EXTRA CURRICULAR/ EXTENSION ACTIVITIES

Sl. No.	Name of the Activity	Period
1.	Students Welfare Committee	2019-2022

ANNEXURE - XIV

MEMBERSHIP IN PROFESSIONAL BODIES

Name of the Professional Body	National/International	Period

ANNEXURE - XV

HONORS AND AWARDS RECEIVED