

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



**on : \_\_\_\_\_**

1. Name of the Staff : S. GOMATHI  
 2. Designation : Assistant Professor  
 3. Academic Qualification : M.Sc., M.Phil., Ph.D

Course	UG	PG	M.PHIL.	PH.D
Year	1999 – 2001	2002 – 2004	2004 – 2005	2009 – 2013
College & University	M.R. Government Arts College, Mannargudi. Bharathidasan University, Trichy.	A.V.V.M Sri Pushpam College, Poondi. Bharathidasan University, Trichy.	A.V.V.M Sri Pushpam College, Poondi. Bharathidasan University, Trichy.	A.V.V.M Sri Pushpam College, Poondi. Bharathidasan University, Trichy.

4. Date of Birth & Age : 20.03.1980

	D	D	M	M	Y	Y	Y	Y
5. Date of Appointment : Self – Finance :	2	1	0	6	2	0	0	6
FIP :								
Aided :	2	5	0	5	2	0	1	6

6. Total Service : 15 years 6 months 13 days

7. Teaching Experience in completed years : UG 15y-6m - 13d PG 13y-6m - 13d M.Phil. 13y

8. Residential Address : W/o.A.Karthikkumar  
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East Gate,  
Thanjavur-613001

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E-Mail Address : [mathigo10@yahoo.com](mailto:mathigo10@yahoo.com)

9. No. of Orientation / Refresher Courses and Training Programmes attended : 6 Annexure – I  
 10. Whether FDP availed, if yes, furnish details : Nil Annexure – II  
 11. No. of Seminars attended : 6 Annexure – III  
 12. No. of Papers Presented : 10 Annexure – IV  
 13. No. of Papers Published : 12 Annexure – V  
 14. No. of Books Published : 07 (Book chapter) 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 : Completed 8 Ongoing 1 Annexure –X  
 19. No. of Ph.D. Scholars Guided : Awarded Nil Ongoing 3 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**

**Note:** Evidence should be produced at the time of verification of the Profile.

**ANNEXURE – I**

**DETAILS OF ORIENTATION, REFRESHER COURSES AND TRAINING PROGRAMMES ATTENDED:**

SL. NO.	COURSE	UNIVERSITY	PERIOD	TITLE
1.	Training programme	A.V.V.M. Sri Pushpam College, Poondi, Bharathidasan University, Trichy.	04-10-11	Edible mushroom cultivation technology
2.	Training programme	A.V.V.M. Sri Pushpam College, Poondi, Bharathidasan University, Trichy.	01, 02-03-03	Training programme on food technology for women entrepreneurs
3.	Training programme	A.V.V.M. Sri Pushpam College, Poondi, Bharathidasan University, Trichy.	05-10-10	Edible mushroom cultivation technology
4.	Special Orientation Programme	A.V.V.M. Sri Pushpam College, Poondi,	From 06-04-15 To 18-04-15	Special Orientation Programme for Professors
5.	Orientation Programme	Madras University, Chennai	From 07-11-17 To 04-12-17	Orientation Programme – Batch 132
6	Refresher Course Faculty	Madras University, Chennai	10-10-2019 To 23-10-2019	Refresher Course
7.	Faculty Enrichment programme series of career cell, Chennai	A.V.V.M. Sri Pushpam College, Poondi,	11.07.2020 To 14.07.2020	FDP Programme
8.	Faculty development programme	Nirmala College for Women, Coimbatore	17.06.2020 to 21.06.2020	FDP Programme
9.	International Yoga day 2021 Virtual Training programme on Yoga For Well being	M.R Govt Arts College, Mannargudi and Nehru Yuva Kendra, Thiruvarur district.	21.06.2021	Training programme
10.	Faculty development programme	AMET Business School, Chennai	05.07.2021 To 11.07.2021	One week Faculty Development Programme on “Life Skills and Wellness During Pandemic”
11.	Faculty development programme	Organized by HRDC and IQAC, AMET Business School, Chennai	24.05.2021 to 06.06.2021	Faculty development programme on Pedagogy and Research Methods
12.	Faculty development programme	P.G Dept of Botany and Dept of Clinical Nutrition and Dietetics P.S.G College of Arts and Science, Coimbatore.	25.06.2020 To 27.06.2020	Community development programme improve your health- Need of the hour
13.	Faculty development programme	Organized by Indian Pharma Educational society and school of Pharmacy and IQAC of AKKA JAIN	25.05.2020 to 30.05.2020	E-Faculty Development Programme on Future challenges, Possibilities

		University, Jamshedhgue, Jharkhand,		and Emerging Trends in vaccines and drug devlopment for virtual diseases as Delegate
14.	Faculty development programme	Organized by Dept of Botany and Bioinformatics Nirmala College for Women, Coimbatore,	25.05.2020 to 31.05.2020	Faculty development programme on Life science for enhancing Human Life
15.	E-Eaculty Development Programme	Organized by IQAC Cell of UKA Tarsadia University ( UTU), Bardoli, Gujarat	26.05.2020 To 30.5.2020	Faculty development programme on comprehensive Qualiity initiative for Higher education in Pandemic Era

## ANNEXURE – II

### WHETHER FDP AVAILED, IF YES, FURNISH DETAILS

Name of the institution	Period of Study	Date of submission	Awarded

## 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	Diagnosis of infectious diseases by molecular biological methods	National level	Department of Microbiology, Bharathidasan University, Trichy	29-11-10
2	Recent trends in biological research	National level	Department of Botany & Microbiology, A.V.V.M Sri Pushpam College, Poondi.	17-02-04 To 19-02-04
3	Biopharmaceuticals – their application in disease prevention and health promotion – NSBP	National level	Department of Microbiology, Dr. NGP Arts & Science College, Coimbatore.	04-08-11 To 05-08-11
4	National Conference on Recent Advances in modern Biology and Rural Development	National level	Department of Botany & Microbiology, A.V.V.M Sri Pushpam College, Poondi.	05-10-17 To 06-10-17
5	Research Methodology, Scientific Writing and Statistical Data Analysis	State level	Department of Botany & Microbiology, A.V.V.M Sri Pushpam College, Poondi.	05-10-18 To 06-10-18
6.	Online national level workshop on Deep learning	National level	Dept of CSE, FET, Jain Deemed University, Bangalore.	6.06.2020

## 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	Studies on <i>in vitro</i> micropropagation of <i>Centella asiatica</i> L.(Vallarai)	National level	Annamalai University, Chidambaram.	22-01-10 To 23-01-10
2	Studies on population of soil mycoflora in chilli field	National level	SNMV College of Arts & Science, Coimbatore.	05-02-10 To 06-02-10
3	Studies on damping off disease in chilli( <i>Capsicum annuum</i> L.) field caused by <i>Pythium debaryanum</i> Hesse	National level	Khadir Mohideen College, Adirampattinam.	12-02-11 To 13-02-11
4	Antifungal activity and molecular characterization of <i>Trichoderma viride</i> Isolated from soils of chilli field	National level	A.V.V.M Sri Pushpam College, Poondi.	05-10-17 To 06-10-17
5	Isolation of pathogenic bacteria from urine sample and their effect of Antibiotic susceptibility Test	National level	A.V.V.M Sri Pushpam College, Poondi.	05-10-17 To 06-10-17
6	Investigation of biological active compounds from <i>Bacopa monneri</i> L.	National level	A.V.V.M Sri Pushpam College, Poondi.	05-10-17 To 06-10-17
7	Characterization of bioactive compounds from <i>Ganoderma lucidum</i> (Curtis) P.Karst	National level	A.V.V.M Sri Pushpam College, Poondi.	05-10-17 To 06-10-17
8.	Study of phytochemical and antimicrobial activity of <i>Pleurotus florida</i> (Fr.) P. Kumm.	National Conference (virtual)	<b>Organized by</b> Mycological Society of India & ICAR Research Complex for NEH Region, Umiam, Meghalaya	08-03-2022 TO 10.03-2022
9.	Cultivation of <i>Hypsizygus ulmarius</i> and <i>Pleurotus florida</i> using agrowastes	National Conference (virtual)	<b>Organized by</b> Mycological Society of India & ICAR Research Complex for NEH Region, Umiam, Meghalaya	08-03-2022 TO 10.03-2022
10.	Isolation, characterization and biological measures of UTI pathogen with special reference to <i>Pedaliium murex</i> L	National Conference (virtual)	<b>Organized by</b> Mycological Society of India & ICAR Research Complex for NEH Region, Umiam, Meghalaya	08-03-2022 TO 10.03-2022

## RESEARCH PAPERS PUBLISHED:

Sl. No.	Title of the Paper	JOURNAL			Page Number
		Name	Volume	Year / Month of Publication	
1	Studies on <i>in vitro</i> micropropagation of <i>Centella asiatica</i> L.(Vallarai)	<i>Research journal of biological sciences</i>	3	2011	38 – 43
2	Antimicrobial activity of some medical plants against <i>Pythium debaryanum</i> (Hesse)	<i>Journal of microbiology and biotechnological research</i>	1 (2)	2011	8 – 13
3	Antagonistic activity of fungi against <i>Pythium debaryanum</i> (Hesse) Isolated from Chilli field soil	<i>Advances in applied science research</i>	2 (4)	2011	291 – 297
4	Studies on soil mycoflora in chilli field of Thiruvarur District	<i>Asian journal of research and pharmaceutical science</i>	1(4)	2011	117 – 122
5	Potential strain of <i>Trichoderma</i> spp. to control damping off of disease in chilli	<i>International journal of applied biology and pharmaceutical technology</i>	2 (4)	2011	64 – 69
6	Effect of antifungal activity of some medicinal plants against <i>Pythium debaryanum</i> (Hesse)	<i>Asian journal of plant science and research</i>	1 (3)	2011	131 – 134

7	Potential strain of <i>Trichoderma</i> spp. to control damping off of disease	<i>International Journal of Applied Biology and Pharmaceutical Technology</i>	2	2011	64-68
8	Separation of bioactive compounds from <i>Trichoderma viride</i> isolated from chilli field soil by using Gas Chromatography- Mass Spectrum, FTIR and UV	<i>Journal of Antimicrobials</i>	128	2013	141-146
9	Effect of Biocontrol agent on Chilli ( <i>Capsicum annuum</i> L.) using seed treatment and Root dipping method	<i>American Journal of Pharmtech Research</i>	5 (6)	2015	124-132
10	Comparative study of antimicrobial activity on fresh and dried <i>Zingiber officinale</i> Rosc.	<i>Asian Journal of Advances in Medical Science</i>	2 (4)	2020	16-23
11	Evaluation and characterization of phytochemicals from aerial parts of <i>Coldenia procumbens</i> Linn.	<i>International Journal of Botany Studies</i>	6 (1)	2021	486-492
12.	Cultivation of edible mushroom <i>Pleurotus florida</i> using agricultural waste materials	<i>Agric Res J</i>	<b>58(6):1139-1141</b>	2021	<b>1139-1141</b>

## BOOKS PUBLISHED:

Sl. No.	Name of the Book / Title of the Article / Book chapters / Editor	Publisher	Place and Year of Publication
1	Prospective Approaches of <i>Pseudonocardia alaniniphila</i> Hydrobionts for <i>Litopenaeus vannamei</i> . “Advances in Probiotics: Microorganisms in Food and Health”. ISBN: 978-012-8229-095.	<i>Elsevier</i>	2021
2	Kiwi Fruit ( <i>Actinidia deliciosa</i> ) History, Cultivation, Nutritive Value, Medicinal Properties, Processing and Value Addition. “Lesser known Fruits and vegetables”. ISBN: 978-93-90627-46-2.	<i>Krishna publication house</i>	2021
3	<i>Pithecellobium dulce</i> (Madras Thorn/ Even Manila Tamarind Fruit): History, Cultivation, Nutritive Value, Medicinal Properties, Processing And Value Addition. “Lesser known Fruits and vegetables”. ISBN: 978-93-90627-46-2.	<i>Krishna publication house</i>	2021
4	Nuna Fruit ( <i>Morinda Citrifolia</i> ): History, Cultivation, Nutritive Value, Medicinal Properties, Processing And Value Addition. “Lesser known Fruits and vegetables”. ISBN: 978-93-90627-46-2.	<i>Krishna publication house</i>	2021
5	Shijila Rani, A.S., Veeramani, S., Anbukumaran, A., Babu, S., Gomathi, S. Ambikapathy, V., Senthilkumar, G. and Panneerselvam, A. Prospective Approaches of <i>Pseudonocardia alaniniphila</i> Hydrobionts for <i>Litopenaeus vannamei</i> . “Advances in Probiotics: Microorganisms in Food and Health”,	Elsevier book chapter. ISBN: 978-012-8229-095.	2021
6.	G.Gayathri, S.Gomathi, V.Ambikapathy and A.Panneerselvam 2021. Improvement of Soil Fertility Through Plant Microbial Interaction. Volume 1: Plant-Microbe Interaction - Recent Advances in Molecular and Biochemical Approaches: Overview of biochemical and physiological alteration during plant-microbe interaction Under Process. ISBN:9780323918756	Elsevier book chapter (Accepted)	2022
7.	S.Gomathi.. Ambikapathy and A.Panneerselvam 2021. Biodegradation and biopurification of pesticides using potential fungal strains. Under process.	Elsevier book chapter (Accepted)	2022



## ANNEXURE – VII

## GUEST LECTURES DELIVERED:

Sl. No.	Title of the Guest Lecture	Place	Date
1.	Organized online awareness quiz competition on <b>Medical Microbiology and Immunology</b> held on 17/06/2020 to 23/06/2020.	ONLINE PLATFORM	17/06/2020 to 23/06/2020
2.	Organized online awareness quiz competition on <b>Immune Boosting Medicinal Plants</b> held on 28/07/2020 to 31/07/2020	ONLINE PLATFORM	28/07/2020 to 31/07/2020

## 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

## 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

## Research Experience (M.Phil.) – Guided and Guiding

Sl. No.	Name of the Scholar	Title of the Dissertation	Year of Study	University
1	K.Rajeswari	Diversity, Antagonistic activity and saprophytic survival of <i>Pythium debaryanum</i> (Hesse) isolated from chilli field soil	09 – 10	Bharathidasan University, Trichy
2	M.Rajinikanth	Biological control of root rots disease in Papaya ( <i>Carica papaya</i> L.)	11 – 12	Bharathidasan University, Trichy
3	K.Sindhuja	Anti Bacterial, Anti Fungal activity and Nano particles synthesis of <i>phyllanthes niruri</i>	12-13	Bharathidasan University, Trichy
4	S.Kalpana	Quatitative, Qualitative Phytochemical analysis and Anti bacterial activity of <i>Cassia fistula</i> L. and <i>Thespesia Populnea</i> (L) Soland.EX.Correa	13-14	Bharathidasan University, Trichy
5	R.Priyanka	Studies on Antimicrobial activity and Compound Charecterization of <i>Bacopa monnieri</i> L. Against UTI Pathogen	14-15	Bharathidasan University, Trichy
6	S.Balamurugan	Iosolation Characterization and Biological measures of UTI Pathogen with special Reference to <i>Pedaliium murex</i> L.	16-18	Bharathidasan University, Trichy
7	P.Nagarajan	Isolation and Identification of UTI pathogen with special reference to <i>Boerhaavia diffusa</i> L.	18-20	Bharathidasan University, Trichy
8	M.Nithiya	Effect of soil fungi aganist wilt disease of <i>Lycopersicum esculantum</i> L.	20-21	Bharathidasan University, Trichy
9.	P.Jayaraman	Ongoing		Bharathidasan University, Trichy



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

Sl. No.	Name of the Scholar	Title of the Thesis	Year of Study	University
2	Gayathri.G	Medicinal Plant Diversity of Papanasam Taluk, Thanjavur Dist, Tamilnadu, India and Phytochemical, Pharmacological and Pharmacognostic Studies of <i>Crescentia cujete</i> L.	2018 to 2023	Bharathidasan University, Trichy
1	Pathirajan.R	Phytochemical, Pharmacognostic and Pharmacological Studies on <i>Couroupita Guianensis</i> Abul.	2018 to 2023	Bharathidasan University, Trichy
3	Abirami.G	Biotechnological Andg Molecular Prospective Approaches of Mus	2021 to 2026	Bharathidasan University, Trichy

## 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)

## ANNEXURE – XIII

### SERVICE IN ACADEMIC / EXTRA CURRICULAR/ EXTENSION ACTIVITIES

Sl. No.	Name of the Activity	Period

## ANNEXURE – XIV

### MEMBERSHIP IN PROFESSIONAL BODIES

Name of the Professional Body	National/International	Period
Life member	International journal of Agricultural science	2013 onwards

### PATENT

1. K.A., Sheik Syed Ishackh., A.Panneerselvam., V.Ambikapathy., N.Thajuddin., D.Muharak ali., T.Senthil kumar.,G.Senthil kumar., K.Anis Ahamed and **S.Gomathi** (2021). A Process and system for wastewater treatment and sludge minimization “SPCBIOSPARK”. Application No.202141019297 A. The Patent Office Journal No. 19/2021 Dated 07/05/2021.

2. M.Nithya., V.Ambikapathy., A.Panneerselvam., K.A., Sheik Syed Ishackh., G.Senthil kumar., and **S.Gomathi** (2021). Compositions Comprising *Ganoderma lucidum* Polysaccharide Peptide And Therapeutic Applications Thereof. Application No.202141019306 A. The Patent Office Journal No. 19/2021 Dated 07/05/2021.

**HONORS AND AWARDS RECEIVED**