



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



STAFF PROFILE as on : 31-12-2018

1. Name of the Staff : **Dr. M. SUGANYA**
 2. Designation : Assistant Professor
 3. Academic Qualification : M.Sc., M.Phil., APGDCA., Ph.D.,

Course	UG	PG	M.Phil.	Ph.D.
Year	2003	2005	2006	2018
College & University	Cauvery college for Women, Trichy Bharathidasan University	Cauvery college for Women, Trichy Bharathidasan University	Nehru Memorial College, Puthanampatti Bharathidasan University	AVVM Sri Pushpam College, Poondi. Bharathidasan University

4. Date of Birth & Age : 28-08-1983 & 34 yrs

5. Date of Appointment : Self – Finance :

D	D	M	M	Y	Y	Y	Y
1	6	0	6	2	0	0	6

 FIP :

0	3	1	1	2	0	1	5
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 Aided :

2	3	1	1	2	0	0	7
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6. Total Service : 12 years

7. Teaching Experience in completed years : UG

12 yrs

 PG

12 yrs

 M.Phil.

8. Residential Address : Plot No:11, FATHIMA NAGAR,
WORAIYUR,
TRIUCHY -620003.

Mobile Number : 9944010619

E-Mail Address : suganyavaijayanthi@gmail.com

9. No. of Orientation / Refresher Courses and Training Programmes attended : Refresher - 01 Annexure – I
 10. Whether FDP availed, if yes, furnish details : Yes Annexure – II
 11. No. of Seminars attended : 01 Annexure – III
 12. No. of Papers Presented : 01 Annexure – IV
 13. No. of Papers Published : 28 Annexure – V
 14. No. of Books Published : Nil Annexure – VI
 15. No. of Guest Lectures delivered in other institutions : Nil Annexure – VII
 16. No. of Research Projects undertaken : Minor _____ Major _____ Others (Specify) _____ Annexure – VIII
 17. No. of Seminars organised : 01 Annexure – IX
 18. No. of M.Phil. Scholars Guided : Completed _____ Ongoing _____ Annexure – X
 19. No. of Ph.D. Scholars Guided : Awarded _____ Ongoing _____ Annexure – XI
 20. Participation in Academic Research Bodies in other institutions : Annexure – XII
 21. Service rendered in academic / Extra Curricular/ Extension activities within the College other than teaching : Annexure – XIII
 22. Service rendered in Professional bodies outside the College : Annexure – XIV
 23. Honors / Awards received : Annexure – XV

Signature of the Staff

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

SL. NO.	COURSE	UNIVERSITY	PERIOD	TITLE
1.	Refresher Course	Pondicherry University	10-07-2018 to 30-07-2018	Environmental Science

ANNEXURE – II**WHETHER FDP AVAILED, IF YES, FURNISH DETAILS**

Name of the institution	Period of Study	Date of submission	Awarded
AVVM Sri Pushpam College, Poondi.	03-11-2015 to 02-11-2017	28-12-2017	22-12.2018

ANNEXURE – III**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.	International conference on Frontier areas of Physics (INACFAP 2014)	International	Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University, Kanchipuram.	18-19 Dec-2014

ANNEXURE – IV**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.	Role of substrate temperature on the growth mechanism and physical properties of spray deposited lead oxide thin films	International	Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University, Kanchipuram.	18-19 Dec-2014

ANNEXURE – V**RESEARCH PAPERS PUBLISHED:**

Sl. No.	Title of the Paper	JOURNAL			Page Number
		Name	Volume	Year / Month of Publication	
1.	Transparent conducting CdO thin films fabricated by low cost simplified spray technique using perfume atomizer.	Inter. J. Sci. Res. Review	2	2013 / July	53-68
2.	Role of substrate temperature on the growth mechanism and physical properties of spray deposited lead oxide thin films.	Mater. Sci. Poland Impact factor 0.854	3	2014 / May	652-660
3.	Cadmium oxide thin films deposited by a simplified spray pyrolysis technique for optoelectronic applications.	J. App. Chem. Res.	9	2014 / Oct	64-71
4.	Studies on the physical	J. Elect.	21	2015 / March	1842-1848

	properties of spray and SILAR deposited lead oxide thin films.	Devices			
5.	Characteristic analysis on the physical properties of nanostructured Mg-doped CdO thin films – Doping concentration effect.	Prog. Nat. Sci. Mater. Inter.	25	2015 / July	251–257
6.	Doping concentration and annealing temperature effects on the properties of nanostructured ternary CdZnO thin films towards optoelectronic applications.	Optik Impact factor 1.191	127	2015 / Nov	2822–2829
7.	Properties of spray deposited nano needle structured Cu-doped Sn ₂ S ₃ thin films towards photovoltaic applications.	Optik Impact factor 1.191	127	2016 / Jan	3999–4003
8.	Synthesis of CdO nanopowders by a simple soft chemical method and evaluation of their antimicrobial activities.	Paci. Sci. Rev. A Nat. Sci. Eng.	18	2016 / Oct	228–232
9.	Studies on the spectroscopic, photoconductive properties and antifungal of Al-doped PbS nanopowders synthesized by a simple soft chemical route.	J. Mater. Sci. Mater. Electron. Impact factor 2.324	28	2016 / Dec	5344–5351
10.	Optoelectronic, magnetic and antibacterial properties of CdO thin films doubly doped with Mn (cationic) and F (anionic) ions.	J. Mater. Sci. Mater. Electron. Impact factor 2.324	28	2017 / Jan	7615–7621
11.	PbS nanopowder-synthesis, characterization and antimicrobial activity, Mater. Sci. Poland	Mater. Sci. Poland Impact factor 0.854	35	2017 / March	322–328
12.	Thermal behavior, magnetic and antimicrobial properties of PbS-CdO nanocomposite synthesized by a simple soft chemical route.	J. Mater. Sci. Mater. Electron. Impact factor 2.324	28	2017 / April	12348–12355
13.	Spectroscopic, magnetic and antibacterial properties of Sr-doped SnS ₂ nanopowders.	Optik Impact factor 1.191	142	2017 / June	301–310
14.	TG-DSC analysis, magnetic and antifungal properties of Al-doped SnS ₂ nanopowders.	J. Mater. Sci. Mater. Electron. Impact factor 2.324	28	2017 / June	15556–15564
15.	Synthesis and characterization of Zr-doped SnS ₂ nanopowders by a simple soft chemical route towards magnetic and	Surf. Interfaces	9	2017 / Aug	58–63

	antibacterial applications.				
16.	PbS-SnO ₂ nanocomposite with enhanced magnetic, photocatalytic and antifungal properties, 29 (2018)	J. Mater. Sci. Mater. Electron. Impact factor 2.324	29	2017 / Oct	1065–1074
17.	Enhanced photocatalytic and antifungal properties of Sr-doped PbS nanopowders.	Mater. Tech. Impact factor 1.28	33	2017 / Oct	214–219
18.	Influence of strontium doping level on the magnetic properties of CdS thin films.	J. Mater. Sci. Mater. Electron. Impact factor 2.324	29	2017 / Nov	3657–3664
19.	Enhanced photocatalytic and antifungal properties of PbS nanopowder doped with Ag ⁺ ions.	J. Mater. Sci. Mater. Electron. Impact factor 2.324	29	2017 / Dec	4312–4319
20.	TG–DTA analysis, structural, optical and magnetic properties of PbS thin films doped with Co ²⁺ ions.	J Mater Sci. Mater Electron. Impact factor 2.324	29	2018 / Jan	6051–6058
21.	Synthesis and characterization of NiO-CdO composite materials towards photoconductive and antibacterial applications.	Mater. Chem. Phy. Impact factor 2.210	211	2018 / Jan	88–96
22.	Visible light irradiated photocatalytic activity of SnS ₂ -CdS nanocomposite against the degradation of methyl orange dye.	Mater. Tech. Impact factor 1.28	33	2018 / Feb	333–339
23.	PbS-NiO nanocomposite material with enhanced magnetic, photocatalytic and antifungal properties.	Mater. Sci. Eng. B Impact factor 3.316	229	2018 / March	118–125
24.	Visible light irradiated photocatalytic and magnetic properties of Fe doped SnS ₂ nanopowders.	J. Mater. Sci. Mater. Electron. Impact factor 2.324	29	2018 / March	9016–9024
25.	Ferromagnetism in CdO nanopowder – Role of bioactive elements.	Mater. Lett. Impact factor 2.687	2017	2018 / March	202–205
26.	Optical and magnetic properties of CdO thin films doped with Ba ²⁺ (cation) ions.	Mater. Res. Innov. Impact factor 0.54	22	2017 / March	237–241
27.	Thermal behavior and comparative study on the visible light driven photocatalytic performance of SnS ₂ -ZnS nanocomposite	J. Mater. Sci. Mater. Electron. Impact factor 2.324	29	2018 / Sep	18708–18717

28.	against the degradation of anionic and cationic dyes. Photoconductive, photocatalytic and antifungal properties of PbS:Mo nanoparticles synthesized via precipitation method.	Surf. Interfaces	13	2018 / Sep	148-156
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ANNEXURE – VI

BOOKS PUBLISHED:

Sl. No.	Name of the Book / Title of the Article / Book / Editor	Publisher	Place and Year of Publication

ANNEXURE – VII

GUEST LECTURES DELIVERED:

Sl. No.	Title of the Guest Lecture	Place	Date

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
1.	Recent Trends In Physics Research			2015-2016	

ANNEXURE – X

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

Sl. No.	Name of the Scholar	Title of the Dissertation	Year of Study	University

ANNEXURE – XI**Research Experience (Ph.D.) – Awarded, Submitted and Guiding**

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

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
1.	Staff welfare Committee	2015-2016
2.	IQAC Member	2018-2019

ANNEXURE – XIV**MEMBERSHIP IN PROFESSIONAL BODIES**

Name of the Professional Body	National/International	Period

ANNEXURE – XV**HONORS AND AWARDS RECEIVED**