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. V.S. NAGARETHINAM**
2. Designation : Assistant Professor
3. Academic Qualification : M.Sc., M.Phil., B.Ed., PGDCA., Ph.D.,

Course	UG	PG	M.Phil.	Ph.D.
Year	1982	1985	1998	2011
College & University	M.R. Govt. Arts College, Mannargudi Madras University	A.V.V.M Sri Pushpam College, Poondi Bharathidasan University	A.V.V.M Sri Pushpam College, Poondi Bharathidasan University	A.V.V.M Sri Pushpam College, Poondi Bharathidasan University

4. Date of Birth & Age : 07-03-1962 & 56 yrs

5. Date of Appointment :

	D	D	M	M	Y	Y	Y	Y
Self – Finance :	0	5	1	2	1	9	8	8
FIP :								
Aided :	2	7	1	1	2	0	0	6

6. Total Service : 30 years
7. Teaching Experience in completed years : UG 30 yrs PG 12 yrs M.Phil. 12 yrs
8. Residential Address : No. 27, LAKSHMI NAGAR, BEHIND DONBOSCO SCHOOL, N.K. ROAD, THANJAVUR – 613 006.

   Mobile Number : 9486532158

   E-Mail Address : vsn@yahoo.com
9. No. of Orientation / Refresher Courses and Training Programmes attended : Refresher course – 01 Annexure – I
10. Whether FDP availed, if yes, furnish details : No Annexure – II
11. No. of Seminars attended : 01 Annexure – III
12. No. of Papers Presented : Nil Annexure – IV
13. No. of Papers Published : 51 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 01 Major _____ Others (Specify) _____ Annexure – VIII
17. No. of Seminars organised : Nil Annexure – IX
18. No. of. M.Phil. Scholars Guided : Completed 21 Ongoing 03 Annexure –X
19. No. of. Ph.D. Scholars Guided : Awarded 02 Ongoing 07 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	Calicut University	15-06-2017 to 06-07-2017	Basic Sciences

ANNEXURE – II

WHETHER FDP AVAILED, IF YES, FURNISH DETAILS

Name of the institution	Period of Study	Date of submission	awarded

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.	Workshop on Mathematica	National	University of Calicut	20-07-2017

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

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.	Substrate temperature effect on the physical properties of spray deposited lead sulfide thin films suitable for solar control coatings.	Int. J. ChemTech Res.	6	2014 / Jan	347–360
3.	Studies on the physical properties of three potentially important TCO thin films fabricated by a simplified spray technique under same deposition conditions.	Int. J. ChemTech Res	6	2014 / Jan	705–718
4.	CdS thin films fabricated by a simplified spray technique using cadmium acetate as cationic precursor.	Int. J. Chem. Phy. Sci.	3	2014 / March	1–9
5.	CdS thin films fabricated by a	Res. J. Mater.	2	2014 / April	6–15

	simplified spray technique from different substrate temperatures – Structural, morphological, optical and electrical analysis.	Sci.			
6.	Preparation of cadmium oxide thin films by spray technique using perfume atomizer and effect of solvent volume on their physical properties.	Int. J. Chem. Mater. Res.	2	2014 / May	88–101
7.	Effect of magnesium incorporation on the structural, morphological, optical and electrical properties of CdS thin films.	Mater. Sci. Semicond. Proc. Impact factor 2.593	27	2014 / Aug	915 – 923
8.	Comparative study of CdS thin films fabricated by a simplified spray technique using two cationic precursor salts with different stability constants.	Int. J. Thin Films Sci. Technol.	3	2014 / Sep	93–106
9.	Investigations on the structural, morphological, optical and electrical properties of undoped and nanosized Zn-doped CdS thin films prepared by a simplified spray technique.	Mater. Sci. Poland Impact factor 0.854	32	2014 / Aug	652–660
10.	Cadmium oxide thin films deposited by a simplified spray pyrolysis technique for optoelectronic applications.	J. App. Chem. Res.	9	2014 / Oct	47–63
11.	Properties of Cd doped PbS thin films: doping concentration effect.	Surf. Eng. Impact factor 1.978	31	2015 / Jan	316–321
12.	Characteristic analysis of Zn-doped CdO thin films – doping concentration effect.	Ind. J. Sci.	13	2015 / Feb	42–47
13.	Studies on the physical properties of undoped and Zn-doped CdS thin films prepared by spray pyrolysis technique using perfume atomizer.	Ind. J. Sci.	13	2015 / Feb	48–52
14.	Studies on the physical properties of spray and SILAR deposited lead oxide thin films.	J. Elect. Devices	21	2015 / March	1842–1848
15.	Characteristic analysis on the suitability of CdO thin films towards optical device applications – Substrate temperature effect.	Int. J. Thin Films Sci. Technol.	4	2015 / May	89–96
16.	Characteristic analysis on the physical properties of nanostructured MgSe thin films – Substrate temperature	Int. J. Thin Films Sci. Technol.	4	2015 / May	121–123

	effect.				
17.	Influence of precursor molar concentration on the structural, morphological, optical and electrical properties of PbS thin films deposited by spray pyrolysis technique using perfume atomizer.	Optik Impact factor 1.191	126	2015 / June	2550–2555
18.	Effect of chlorine doping on the structural, morphological, optical and electrical properties of spray deposited CdS thin films.	Prog. Nat. Sci. Mater. Inter.	25	2015 /June	391–398
19.	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
20.	Doping concentration and annealing temperature effects on theproperties of nanostructured ternary CdZnO thin films towardsoptoelectronic applications.	Optik Impact factor 1.191	127	2015 / Nov	2822–2829
21.	Enhancement in the physical properties of spray deposited nanostructured ternary PbMgS thin films towards optoelectronic applications.	J. Mater. Sci. Mater. Electron. Impact factor 2.324	27	2016 /Jan	5070–5078
22.	Structural, morphological, optical and electrical properties of CdS thin films simultaneously doped with magnesium and chlorine.	J. Mater. Sci. Mater. Electron. Impact factor 2.324	27	2016 / Jan	1158–1164
23.	Structural, morphological, optical and electrical properties of spray deposited ternary CdZnS thin films.	Int. J. Thin Film Sci. Tec.	5	2016 / Jan	17–24
24.	Optimization of S:Sn precursor molar concentration on the physical properties of spray deposited single phase Sn_2S_3 thin films.	Mater. Sci. Poland Impact factor 0.854	34	2016 / Jan	393–398
25.	Characteristic analysis of nanostructured Cl-doped CdO thin films – doping effect.	Mater. Res. Innov. Impact factor 0.54	20	2016 / April	182–186
26.	Influence of Al doping on the structural, morphological and optoelectrical properties of spray deposited lead sulfide thin films.	J. Mater. Sci. Mater. Electron. Impact factor 2.324	27	2016 / April	7876–7882
27.	Enhancement in some physical properties of spray deposited CdO:Mn thin films through Zn	Optik Impact factor 1.191	127	2016 / April	6400–6406

	doping towards optoelectronic applications.				
28.	Effect of solvent volume on the physical properties of spray deposited nano needle structured Sn_2S_3 thin films.	Mater. Res. Innov. Impact factor 0.54	20	2016 / April	307–311
29.	Enhanced properties of Zn-, Mg-incorporated CdO films through Cl doping.	Surf. Eng. Impact factor 1.978	32	2016 / May	829–833
30.	Enhancement in the optoelectronic properties of CdS thin films by simultaneously doping with magnesium and fluorine.	Surf. Eng. Impact factor 1.978	32	2016 / June	596–600
31.	Bromine doping effect on some properties of CdS films.	Surf. Eng. Impact factor 1.978	18	2016 / July	175–180
32.	Aging effect of the precursor solution on the structural, morphological, optical and electrical properties of ternary CdZnO thin films suited for optoelectronic applications.	Optik Impact factor 1.191	127	2016 / Aug	10602–10609
33.	Effect of doping concentration on the structural, morphological, optical and electrical properties of Mn-doped CdO thin films**.**	Mater. Sci. Poland Impact factor 0.854	33	2015 / Sep	774–781
34.	Structural, morphological, optical and electrical properties of spray deposited ternary CdAgS thin films towards optoelectronic applications.	Mater. Res. Innov. Impact factor 0.54	22	2016 / Oct	79–84
35.	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
36.	Optical and magnetic properties of PbS thin films doped with Fe^{2+} ions.	Optik Impact factor 1.191	134	2017 / Jan	121–127
37.	Optoelectronic, magnetic and antibacterial properties of Zr-doped CdS thin films, 138 (2017)	Optik Impact factor 1.191	138	2017 / Feb	398–406
38.	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
39.	Spectroscopic, magnetic and antibacterial properties of Sr-doped SnS_2 nanopowders.	Optik Impact factor 1.191	142	2017 / June	301–310

40.	Synthesis and characterization of Zr-doped SnS_2 nanopowders by a simple soft chemical route towards magnetic and antibacterial applications.	Surf. Interfaces	9	2017 / Aug	58–63
41.	Modulation of microstructure and magnetic properties of Sr-doped CdO films.	Surf. Eng. Impact factor 1.978	34	2017 / Sep	682–688
42.	Effect of Gd^{3+} ions on the thermal behavior, optical, electrical and magnetic properties of PbS thin films.	J. Electron. Mater. Impact factor 1.579	47	2017 / Oct	1271–1278
43.	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
44.	Structural, morphological, opto-electrical and photoluminescence studies of nanoplate structured Zn-doped Sn_2S_3 thin films.	Trans. Ind. Inst. Metal. Impact factor 0.910	70	2017 / Dec	1503-1509
45.	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
46.	Investigation on the properties of nanostructured Mg-doped Sn_2S_3 thin films towards photovoltaic applications.	Acta Physica Polonica A	133	2018 / Jan	15–19
47.	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
48.	PbS-NiO nanocomposite material with enhanced magnetic, photocatalytic and antifungal properties.	Mater. Sci. Eng. B Impact factor 3.316	229	2018 / March	118–125
49.	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
50.	Thermal behavior and comparative study on the visible light driven photocatalytic performance of SnS_2-ZnS nanocomposite against the degradation of anionic and cationic dyes.	J. Mater. Sci. Mater. Electron. Impact factor 2.324	29	2018 / Sep	18708–18717
51.	Photoconductive, photocatalytic and antifungal properties of PbS:Mo	Surf. Interfaces	13	2018 / Sep	148–156

	nanoparticles synthesized via precipitation method.				

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
1.	Studies on certain potentially important TCO thin films fabricated by cost effective silar technique suitable for solar cell applications	Minor	UGC	2014-2016	3,70,000	Yes

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

ANNEXURE – X

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

Sl. No.	Name of the Scholar	Title of the Dissertation	Year of Study	University
1.	D. Easwari (FT)	Aging effect on the properties of CdO thin films	2013-2014	Bharathidasan
2.	M.S. Duraisami (PT)	Properties of CdS thin films deposited at four different substrate temperatures	2013- 2015	Bharathidasan
3.	K.G. Palanivelan (PT)	Properties of Zn-doped CdS thin films	2013- 2015	Bharathidasan
4.	S. Anbarasi (PT)	Structural, morphological and optical properties of CdS thin films prepared using two different precursor salts	2013- 2015	Bharathidasan
5.	K. Jeyasankar (PT)	Properties of Mg,Cl doped CdS thin films	2013- 2015	Bharathidasan
6.	L. Senthilkumar (PT)	Properties of CdS thin films co-doped with Mg and F	2013- 2015	Bharathidasan
7.	R. Rajeshwari (PT)	Optoelectronic properties of Ag-doped CdS thin films	2013- 2015	Bharathidasan
8.	V. Shanmuga Sundari (FT)	Bromine doped CdS thin films with better optoelectronic properties	2014-2015	Bharathidasan
9.	S. Chitra Devi (FT)	Effect of S:Sn molar ratio on the properties of Sn_2S_3 thin films	2014-2015	Bharathidasan
10.	K. Rajesh (PT)	Effect of Mg-doped concentration on the properties of Sn_2S_3 thin films	2014-2016	Bharathidasan
11.	N. Gahdhimathi (PT)	Properties Zn-doped Sn_2S_3 thin films	2014-2016	Bharathidasan
12.	T. Malar Mannan (FT)	Properties (Zn+F) doped CdS thin films	2015-2016	Bharathidasan
13.	T. Sindhukavi (FT)	Structural, morphological and optoelectrical properties of (Zn+Br) thin films	2015-2016	Bharathidasan
14.	N. Kalaimani (PT)	Effect of solvent volume on the properties of Sn_2S_3 thin films	2015-2017	Bharathidasan
15.	M.S. Antonisamy (PT)	Properties of Zr-doped CdS thin films	2015-2017	Bharathidasan
16.	R. Amutha (PT)	Optoelectronic properties of Cl-doped CdS thin films	2015-2017	Bharathidasan
17.	M. Rajaram (PT)	Pb-doped CdS thin films with good optoelectrical properties	2016-2018	Bharathidasan

18.	B. Humayoon Kabil (PT)	Strontium doping concentration on the structural, morphological and optical properties of CdS thin films	2016-2018	Bharathidasan
19.	S. Karthika (PT)	Properties of Cl-doped CdZnS thin films	2016-2018	Bharathidasan
20.	G. Lakshmi Priya (FT)	Mo-doped CdO thin films prepared by spray pyrolysis technique	2017-2018	Bharathidasan
21.	M. Diviya Priya (FT)	Structural, morphological and opto-electrical properties of Cs:CdO thin films	2017-2018	Bharathidasan
22.	R. Elayakumar (PT)	---	2018-2020	Bharathidasan
23.	P. Ayeshan Ilofer (PT)	---	2018-2020	Bharathidasan
24.	S. Devika (FT)	---	2018-2019	Bharathidasan

ANNEXURE – XI

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

Sl. No.	Name of the Scholar	Title of the Thesis	Year of Study	University
1.	T. Sivaraman (Awarded)	Doping effects on the properties of spray deposited CdS thin films towards optoelectronic applications	2013-2016	Bharathidasan
2.	V. Narasimman (Awarded)	Effects of cationic and anionic precursor ions on the physical properties of spray deposited CdS thin films	2013-2017	Bharathidasan
3.	M. Anbarasi (Submitted)	Effects of molar ratio and doping (Zn, Pb & Sr) concentration on the structural, morphological and optoelectrical properties of spray deposited CdS thin films	2013-2017	Bharathidasan
4.	R. Baskaran (Guiding)	---	2013-2020	Bharathidasan
5.	T. Noorunisha (Guiding)	---	2013-2020	Bharathidasan
6.	J. Srivind (Guiding)	---	2014-2020	Bharathidasan
7.	N. Raja (Guiding)	---	2014-2019	Bharathidasan

8.	N. Kalaimani (Guiding)	---	2016-2021	Bharathidasan
9.	C. Sathiskumar (Guiding)	---	2016-2021	Bharathidasan

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)
Kunthavai Naachiyar Government Arts College (Autonomous), Thanjavur.		Member (2014-2016)				
Thiru. Vi. Ka. Government Arts College, Thiruvarur.			Doctoral Committee Member			

ANNEXURE – XIII

SERVICE IN ACADEMIC / EXTRA CURRICULAR/ EXTENSION ACTIVITIES

Sl. No.	Name of the Activity	Period
1.	Discipline Committee	2013-2014
2.	Co-ordinator	2014-2016
3.	Dean of Science	2016 to till date

ANNEXURE – XIV

MEMBERSHIP IN PROFESSIONAL BODIES

Name of the Professional Body	National/International	Period

ANNEXURE – XV

HONORS AND AWARDS RECEIVED ---