



**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. A.R. BALU**
 2. Designation : Assistant Professor
 3. Academic Qualification : M.Sc., M.Phil., PGDCA., Ph.D.,

Course	UG	PG	M.Phil.	Ph.D.
Year	1992	1994	1996	2011
College & University	Periyar Arts College, Cuddalore Madras University	Urumu Dhanalakshmi College, Trichy 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 : 15-01-1972 & 46 yrs

5. Date of Appointment : Self – Finance :

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

 FIP :

--	--	--	--	--	--	--	--

 Aided :

2	7	1	1	2	0	0	6
---	---	---	---	---	---	---	---

6. Total Service : 18 years

7. Teaching Experience in completed years : UG

18 yrs

 PG

16 yrs

 M.Phil.

12 yrs

8. Residential Address : 757 MIG COLONY,
NEW HOUSING UNIT,
THANJAVUR – 613 005.

Mobile Number : 9442846351

E-Mail Address : rajavelubalu@gmail.com

9. No. of Orientation / Refresher Courses and Training Programmes attended : Annexure – I
Refresher – 01
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 : 79 Annexure – V
14. No. of Books Published : Nil Annexure – VI
15. No. of Guest Lectures delivered in other institutions : 02 Annexure – VII
16. No. of Research Projects undertaken : Minor 1 Major _____ Others (Specify) _____ Annexure – VIII
17. No. of Seminars organised : Nil Annexure – IX
18. No. of. M.Phil. Scholars Guided : Completed 19 Ongoing 04 Annexure – X
19. No. of. Ph.D. Scholars Guided : Awarded 05 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.	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 / April	448–456
7.	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
8.	CdO thin films fabricated by a simplified spray technique using perfume atomizer with different molar concentrations of cadmium acetate for optoelectronic applications.	Int. J. Chem. Phy. Sci.	3	2014 / July	54–62
9.	Structural, optical, and Electrical properties of Zn-doped CdO thin films fabricated by a simplified spray pyrolysis technique.	Acta Meta. Sinica (English Letters)	28	2014 / July	64–71
10.	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
11.	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
12.	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
13.	Cadmium oxide thin films deposited by a simplified spray pyrolysis technique for optoelectronic applications.	J. App. Chem. Res.	9	2014 / Oct	47–63
14.	Properties of Cd doped PbS thin films: doping concentration effect.	Surf. Eng. Impact factor 1.978	31	2015 / Jan	316–321
15.	Characteristic analysis of Zn-doped CdO thin films – doping concentration effect.	Ind. J. Sci.	13	2015 / Feb	42–47
16.	Studies on the physical properties of undoped and Zn-doped CdS thin films prepared	Ind. J. Sci.	13	2015 / Feb	48–52

	by spray pyrolysis technique using perfume atomizer.				
17.	Studies on the physical properties of spray and SILAR deposited lead oxide thin films.	J. Elect. Devices	21	2015 / March	1842–1848
18.	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
19.	Characteristic analysis on the physical properties of nanostructured MgSe thin films – Substrate temperature effect.	Int. J. Thin Films Sci. Technol.	4	2015 / May	121–123
20.	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
21.	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
22.	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
23.	Properties of spray deposited Zn, Mg incorporated CdO thin films.	J. Mater. Sci. Mater. Electron. Impact factor 2.324	27	2015 / October	2071–2078
24.	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
25.	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
26.	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
27.	Structural, morphological,	Int. J. Thin	5	2016 / Jan	17–24

	optical and electrical properties of spray deposited ternary CdZnS thin films.	Film Sci. Tec.			
28.	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
29.	Optimization of S:Sn precursor molar concentration on the physical properties of spray deposited single phase Sn ₂ S ₃ thin films.	Mater. Sci. Poland Impact factor 0.854	34	2016 / Jan	393–398
30.	Structural, optical and electrical properties of Cl-doped ternary CdZnS thin films towards optoelectronic applications.	Optik Impact factor 1.191	127	2016 / Feb	4943–4947
31.	Characteristic analysis of nanostructured Cl-doped CdO thin films – doping effect.	Mater. Res. Innov. Impact factor 0.54	20	2016 / April	182–186
32.	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
33.	Enhancement in some physical properties of spray deposited CdO:Mn thin films through Zn doping towards optoelectronic applications.	Optik Impact factor 1.191	127	2016 / April	6400–6406
34.	Properties of nanostructured Ni-doped Sn ₂ S ₃ thin films – doping concentration effect.	Mater. Res. Innov. Impact factor 0.54	20	2016 / April	395–399
35.	Effect of solvent volume on the physical properties of spray deposited nano needle structured Sn ₂ S ₃ thin films.	Mater. Res. Innov. Impact factor 0.54	20	2016 / April	307–311
36.	Enhanced properties of Zn-, Mg-incorporated CdO films through Cl doping.	Surf. Eng. Impact factor 1.978	32	2016 / May	829–833
37.	Tuning the physical properties of PbS thin films towards optoelectronic applications through Ni doping.	Optik Impact factor 1.191	127	2016 / June	8892–8898
38.	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
39.	Bromine doping effect on some properties of CdS films.	Surf. Eng. Impact factor 1.978	18	2016 / July	175–180
40.	Aging effect of the precursor	Optik Impact	127	2016 / Aug	10602–

	solution on the structural, morphological, optical and electrical properties of ternary CdZnO thin films suited for optoelectronic applications.	factor 1.191			10609
41.	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	2016 / Sep	774–781
42.	Precursor aging effect on the properties of CdZnS films.	Surf. Eng. Impact factor 1.978	32	2016 / Sep	212–217
43.	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
44.	Double doping (Mn+Cl) effects on the structural, morphological, photoluminescence, optoelectronic properties and antibacterial activity of CdO thin films.	Optik Impact factor 1.191	130	2016 / Oct	464–472
45.	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
46.	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
47.	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
48.	Optical and magnetic properties of PbS thin films doped with Fe ²⁺ ions.	Optik Impact factor 1.191	134	2017 / Jan	121–127
49.	Optoelectronic, magnetic and antibacterial properties of Zr-doped CdS thin films, 138 (2017)	Optik Impact factor 1.191	138	2017 / Feb	398–406
50.	Influence of (Zn + F) double doping on the structural, morphological, photoluminescence, optoelectrical properties and antibacterial activity of CdS thin films.	J. Mater. Sci. Mater. Electron. Impact factor 2.324	28	2017 / March	2335 – 2342
51.	Optoelectronic, magnetic and antifungal properties of CdS	J. Mater. Sci. Mater.	28	2017 / March	10433–10440

52.	thin films co-doped with zinc and bromine. PbS nanopowder-synthesis, characterization and antimicrobial activity, Mater. Sci. Poland	Electron. Impact factor 2.324 Mater. Sci. Poland Impact factor 0.854	35	2017 / March	322–328
53.	Optical and magnetic properties of Ba-doped CdS thin films.	Surf. Eng. Impact factor 1.978	33	2017 / March	835–840
54.	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
55.	Improved photodegradation activity of SnO ₂ nanopowder against methyl orange dye through Ag doping.	J. Mater. Sci. Mater. Electron. Impact factor 2.324	28	2017 / June	14848–14854
56.	Spectroscopic, magnetic and antibacterial properties of Sr-doped SnS ₂ nanopowders.	Optik Impact factor 1.191	142	2017 / June	301–310
57.	TG-DSC analysis, magnetic and antifungal properties of Al-doped SnS ₂ nanopowders.	J. Mater. Sci. Mater. Electron. Impact factor 2.019	28	2017 / June	15556–15564
58.	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
59.	Modulation of microstructure and magnetic properties of Sr-doped CdO films.	Surf. Eng. Impact factor 1.978	34	2017 / Sep	682–688
60.	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
61.	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
62.	Enhanced photocatalytic and antifungal properties of Sr-doped PbS nanopowders.	Mater. Tech. Impact factor 1.28	33	2017 / Oct	214–219
63.	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

64.	Studies on ternary PbZnS films suited for optoelectronic applications.	Surf. Eng. Impact factor 1.978	33	2017 / Nov	506–511
65.	Structural, morphological, opto-electrical and photoluminescence studies of nanoplate structured Zn-doped Sn ₂ S ₃ thin films.	Trans. Ind. Inst. Metal. Impact factor 0.910	70	2017 / Dec	1503-1509
66.	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
67.	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
68.	Investigation on the properties of nanostructured Mg-doped Sn ₂ S ₃ thin films towards photovoltaic applications.	Acta Physica Polonica A	133	2018 / Jan	15–19
69.	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
70.	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
71.	PbS–NiO nanocomposite material with enhanced magnetic, photocatalytic and antifungal properties.	Mater. Sci. Eng. B Impact factor 3.316	229	2018 / March	118–125
72.	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
73.	Ferromagnetism in CdO nanopowder – Role of bioactive elements.	Mater. Lett. Impact factor 2.687	2017	2018 / March	202–205
74.	Optical and magnetic properties of CdO thin films doped with Ba ²⁺ (cation) ions.	Mater. Res. Innov. Impact factor 0.54	22	2018 / March	237–241
75.	Photoconductive and photocatalytic properties of CdO–NiO nanocomposite synthesized by a cost effective chemical method.	J. Mater. Sci. Mater. Electron. Impact factor 2.324	29	2018 / May	11384–11393
76.	Doping effect investigation of Li-doped CdS thin films	Surf. Eng. Impact factor	35	2018 / May	79–85

77.	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.	1.978 J. Mater. Sci. Mater. Electron. Impact factor 2.324	29	2018 / Sep	18708-18717
78.	Photoconductive, photocatalytic and antifungal properties of PbS:Mo nanoparticles synthesized via precipitation method.	Surf. Interfaces	13	2018 / Sep	148-156
79.	Photocatalytic performance of SnO ₂ :Mo nanopowders against the degradation of methyl orange and Rhodamine B dye under visible light irradiation	J. Electron. Mater. Impact factor 1.579	---	2018 / Oct	---

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
1.	Thin Films Physics	Srimathi Indira Gandhi College, Tiruchirappalli.	15.02.2013
2.	Thin Films Physics	Maruthupandiyar College, Thanjavur.	28-02-2013

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.	Comparative studies on oxide based diluted magnetic semiconducting thin films fabricated by two different chemical method towards spintronics	Minor	UGC	2014 - 2016	3,60,000	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.	C. Kuppusamy (PT)	Properties of spray deposited Cl-doped CdO thin films	2013-2014	Bharathidasan
2.	S. Muthu (PT)	Properties of Mg-doped CdS thin films deposited by spray technique	2013-2014	Bharathidasan
3.	M. Sakthivel (PT)	Structural and optical properties of lead oxide thin films	2013-2014	Bharathidasan
4.	Arockia Stella (PT)	Properties of MgSe thin films prepared at two different substrate temperature	2013-2014	Bharathidasan
5.	S. Durgadevi (FT)	Structural, optical and electrical properties of Cl-doped CdS thin films	2014-2015	Bharathidasan
6.	S. Balamurugan (FT)	Effect of Mg-doping on the properties of spray deposited CdO thin films	2014-2015	Bharathidasan
7.	T. Rajendran (PT)	Aging effect on the Properties of CdZnS thin films	2014-2016	Bharathidasan
8.	P. Ilaiyaraja (PT)	Spray deposited CdS thin films simultaneously doped with magnesium and chlorine	2014-2016	Bharathidasan
9.	M. Soundarajan (PT)	spray deposited CdO:Mn thin films through Zn doping towards optoelectronic applications	2014-2016	Bharathidasan
10.	S. Kamatchi (FT)	Aging effect of the spray deposited CdO thin films	2015-2016	Bharathidasan
11.	D. Stephy Princy (FT)	Influence of Al doping spray deposited lead sulfide thin films	2015-2016	Bharathidasan
12.	S. Abdulsalam (PT)	Structural, morphological and optical properties of spray deposited Cu-doped Sn ₂ S ₃ thin films	2015-2017	Bharathidasan
13.	Thatchayini (PT)	Structural, morphological and optoelectrical properties Fe-doped Sn ₂ S ₃ thin films	2015-2017	Bharathidasan
14.	Kalaimathi (PT)	Enhancement in the physical properties of spray deposited	2015-2017	Bharathidasan

		nanostructured ternary PbMgS thin films		
15.	P. Balamurugan (PT)	Synthesis and characterization of Zr-doped SnO ₂ nanopowders	2016-2018	Bharathidasan
16.	Mohmed Arif (PT)	Studies on the physical properties of Ag-doped SnO ₂ nanopowders	2016-2018	Bharathidasan
17.	K. Sathiyakala (PT)	Studies on the structural, morphological and spectroscopic properties of SnO ₂ :Mo nanopowders	2016-2018	Bharathidasan
18.	G. Jeyasri (PT)	Studies on SnS ₂ :Sr nanopowders synthesised via a simple soft chemical route	2016-2018	Bharathidasan
19.	G. Hemalatha (FT)	Aging effect of Ag-doped CdO thin films	2017-2018	Bharathidasan
20.	N. Kalidoss (PT)	---	2017-2019	Bharathidasan
21.	S. Kavnilavan (PT)	---	2018-2020	Bharathidasan
22.	R. Josephine Jenifer	---	2018-2020	Bharathidasan
23.	R. Muthulakshmi (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.	M. Suganya (Awarded)	Synthesis and characterization of undoped, doped (Al, Ag & Sr) PbS nanopowders, PbS-CdO, PbS-NiO and PbS-SnO ₂ nanocomposites towards certain potential applications	2012 - 2017	Bharathidasan
2.	G. Shanmugavel (Guiding)	---	2012 - 2019	Bharathidasan
3.	C. Rajashree (Awarded)	Studies on the structural, morphological, optical and electrical properties of spray deposited PbS thin films doped with certain cationic precursors towards optoelectronic applications	2012 – 2017	Bharathidasan

4.	S. Ravishankar (Awarded)	Studies on some physical properties of spray deposited PbS thin films doped with Zn ²⁺ , Fe ²⁺ , Gd ³⁺ and Co ²⁺ ions	2012 – 2017	Bharathidasan
5.	S. Karuna (Guiding)	---	2013 – 2020	Bharathidasan
6.	N. Manjula (Awarded)	Properties of spray deposited undoped, Mn-doped, (Mn+Zn), (Mn+Cl) and (Mn+F) doubly doped CdO thin films	2013 – 2018	Bharathidasan
7.	K. Usharani (Awarded)	Enhancement in the properties of spray deposited CdO (transparent conducting oxide) thin films by doping with metallic and non-metallic ions having ionic radii smaller than the host ions	2013 – 2016	Bharathidasan
8.	S. Balamurugan (Guiding)	---	2016 – 2019	Bharathidasan
9.	S. Anitha (Guiding)	---	2016 – 2020	Bharathidasan
10.	A. Prabavathi (Guiding)	---	2017 - 2021	Bharathidasan
11.	C. Kayathiri (Guiding)	---	2018 – 2022	Bharathidasan
12.	M. Karthika (Guiding)	---	2018 - 2022	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)
H.H. The Rajah's College (Autonomous), Pudukkottai.			Doctoral Committee Member			
Thanthai Hans Roever College, Perambalur.			Doctoral Committee Member			
Poonpuhar College (Autonomous), Melaiyur.			Doctoral Committee Member			
Thiru. Vi Ka. Government Arts College, Thiruvarur.			Doctoral Committee Member			
Rajah Serfoji Government College (Autonomous), Thanjavur.			Doctoral Committee Member			
Government Arts College, Tiruchirappalli.			Doctoral Committee Member			
Poompukar College (Autonomous), Melaiyur.		Member				

ANNEXURE – XIII**SERVICE IN ACADEMIC / EXTRA CURRICULAR/ EXTENSION ACTIVITIES**

Sl. No.	Name of the Activity	Period
1.	Exam Committee Chairman	2009-2016
2.	Co-ordinator	2016-2017
3.	Career Guidance and counselling cell	2017-2019
4.	Teacher at different levels in the college	2018-2020

ANNEXURE – XIV**MEMBERSHIP IN PROFESSIONAL BODIES**

--	--	--

ANNEXURE – XV**HONORS AND AWARDS RECEIVED**

Reviewer in Journals	Recognition	Period
<p align="center">Reviewer in Elsevier Journals</p> 1. Thin Solid Films 2. Journal of Alloys and Compound 3. Journal of Hazardous Materials 4. Materials Science and Engineering B 5. Materials Chemistry and Physics 6. Surfaces and Interfaces (Outstanding) 7. Materials Chemistry and Physics 8. Optik 9. Optik 10. Materials Science in Semiconductor processing 11. Vacuum	<p align="center">International</p> Recognized reviewer Recognized reviewer Recognized reviewer Recognized reviewer Recognized reviewer Outstanding reviewer Outstanding reviewer Recognized reviewer Outstanding reviewer Recognized reviewer Recognized reviewer	Sep – 2016 July – 2017 Aug – 2017 Aug – 2017 Oct – 2017 Oct – 2017 Jan – 2018 May – 2018 July – 2018 Aug – 2018 Aug - 2018
<p align="center">Reviewer in Springer Journals</p> 1. Journal of Materials Science and Materials Electronics 2. Chemistry Select 3. Transactions of Indian Institute of Metals 4. Journal of Electronic Materials	<p align="center">International</p>	2015 – 2018 2018 2018 2018
<p align="center">Reviewer in IOP Science Journals</p> 1. Materials Research Express	<p align="center">International</p>	2018