



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



**STAFF PROFILE as on: 2018**

1. Name of the Staff : **Dr. B. Sakthivel**  
 2. Designation : **Associate Professor of Physics**  
 3. Academic Qualification : **M.Sc., M. Phil., PGDCA., Ph.D.,**

Course	UG	PG	M.PHIL.	PH.D.
Year	APR 1985	APR 1988	March 1990	July 2001
College & University	Rajah Serfoji Government Arts College.	A.V.V.M. SRI PUSHPAM COLLEGE, POONDI. BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI.	A.V.V.M. SRI PUSHPAM COLLEGE,, POONDI. BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI.	ALAGAPPA UNIVERSITY, KARAİKUDI.

4. Date of Birth & Age : **14-06-1965 & 53**

5. Date of Appointment : Self – Finance : 

D	D	M	M	Y	Y	Y	Y
Aided	1	2	0	7	2	0	0

6. Total Service :

7. Teaching Experience in completed years : UG 

18
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 PG 

18
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 M.Phil. 

15
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8. Residential Address : 148, 8 th Cross Street (East)  
Gnanam Nagar,  
Mariamman Kovil Post,  
Thanjavur-613501

Mobile Number : +91-93603 49448

E-Mail Address : [Sakthivelbala65@yahoo.com](mailto:Sakthivelbala65@yahoo.com)

9. No. of Orientation / Refresher Courses and Training Programmes attended : Orientation course Annexure – I  
Refresher course
10. Whether FDP availed, if yes, furnish details : - Annexure – II
11. No. of Seminars attended : 04 Annexure – III
12. No. of Papers Presented : 02 Annexure – IV
13. No. of Papers Published : 24 Annexure – V
14. No. of Books Published : 03 Annexure – VI
15. No. of Guest Lectures delivered in other institutions : Annexure – VII
16. No. of Research Projects undertaken : Minor 01 Major \_\_\_\_\_ Others (Specify) \_\_\_\_\_ Annexure – VIII
17. No. of Seminars organised : - Annexure – IX
18. No. of M.Phil. Scholars Guided : Completed \_\_\_\_\_ Ongoing \_\_\_\_\_ Annexure – X
19. No. of Ph.D. Scholars Guided : Awarded 4 Ongoing 2 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	ORIENTATION	PONDICHERR UNIVERSITY	18.07.2002 TO 14.08.2002	
2	REFRESHER	TAMIL UNIVERSITY	09.12.2004 To 29.12.2004	TRANSLATION PRINCIPLES AND PRACTICE

## ANNEXURE – II

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

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

## 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:

S.No	Academic year	No. of Papers
1.	2013-2014	11
2.	2014-2015	05
3.	2015-2016	07
4.	2016-2107	01
5.	2017-2018	00
TOTAL		24

Sl. No.	Title of the Paper	JOURNAL			Page Number
		Name	Volume	Year / Month of Publication	

## ANNEXURE – VI

## BOOKS PUBLISHED:

Sl. No.	Name of the Book / Title of the Article / Book / Editor	Publisher	Place and Year of Publication
1	<b>Introduction to Thin Films</b> K. Ravichandran, K. Swaminathan, B. Sakthivel	Research India Publications, New Delhi	2013 (ISBN: 978-93-84144-05-0)
2	<b>Introduction to the Characterization of a Nanomaterials and Thin Films</b> K. Ravichandran, K. Swaminathan, B. Sakthivel, C. Ravidhas	Jazym Publication	2015 (ISBN:978-93-81521-84-7)
3	<b>Research Methodology and Scientific Writing – A Researcher's Handbook</b> K. Ravichandran, K. Swaminathan, A.T. Ravichandran, C. Ravidass	Jazym Publication	2018 (ISBN:978-93-87360-07-5)

## 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

## 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
1.	G. Muruganantham (Awarded)	Investigation of the effects of solvent volume and doping level on the physical properties of sprayed transparent conducting Tin oxide and Zinc oxide thin films.	2010-2012	Bharathidasan University
2.	L. Chinnappa (Awarded)	Investigation of the effects of certain crucial process parameters on the solar cell related optical and electrical properties of doped tin oxide films fabricated using A low-cost spray technique	2009-2012	Bharathidasan University
3.	P. Ravikumar (Awarded)	Fabrication and characterization of tin oxide zinc oxide based bouble layered thin films for opto-electronic applications	2010-2013	Bharathidasan University
4.	P. Sathish (Awarded)	Enhancement of the antibacterial efficiency of ZnO nanopowders prepared using combustion method through different anionic and cationic doping,	2013-2016	Bharathidasan University
5.	D.S. Vasanthi	Pursuing	2018-2021	Bharathidasan University
6.	A. Jansi Santhosam	Pursuing	2018-2021	Bharathidasan 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

**ANNEXURE – XIV****MEMBERSHIP IN PROFESSIONAL BODIES**

Name of the Professional Body	National/International	Period

**ANNEXURE – XV****HONORS AND AWARDS RECEIVED**