



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

**STAFF PROFILE**



1. Name of the Staff : **Dr. K. UMA.**  
 2. Designation : Assistant professor of Physics  
 3. Academic Qualification : M.Sc.,M.Phil, Ph.D

Course	UG	PG	M.PHIL.	PH.D.
Year	1998-2002	2002-2004	2004-2006	2013-2016
College & University	Kunthvai naachiyar Govt.,College for Women. Thanjavur & Bharathidasan University.	A.V.V.M. Sri Pushpam college(Autonomous) poondi.& Bharathidasan University, Thiruchirappalli.	Distance Education , Bharathidasan University, Thiruchirappalli.	A.V.V.M. Sri Pushpam college(Autonomous) poondi.& Bharathidasan University, Thiruchirappalli.

4. Date of Birth & Age : 04..04..1979

5. Date of Appointment	:	Self – Finance	D	D	M	M	Y	Y	Y	Y
			1	2	0	7	2	0	0	4
			FIP	:						
		Aided	:							

6. Total Service : 14

7. Teaching Experience in completed years : UG  PG  M.Phil.

8. Residential Address : O.Ravikumar, Plot No.129,Kaveri Nagar,Sixth Street , Thanjavur.

Mobile Number : 9047189595

E-Mail Address : Umaravikumar79@gmail.com

9. No. of Orientation / Refresher Courses and Training Programmes attended : Nil
10. Whether FDP availed, if yes, furnish details : No. Annexure – II
11. No. of Seminars attended : Annexure – III
12. No. of Papers Presented : No Annexure – IV
13. No. of Papers Published : Three 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 : No. \_\_\_\_\_ Major \_\_\_\_\_ Others (Specify) \_\_\_\_\_ Annexure – VIII
17. No. of Seminars organised : No. Annexure – IX
18. No. of. M.Phil. Scholars Guided : Completed Nil Ongoing 01 Annexure –X
19. No. of. Ph.D. Scholars Guiding : Awarded Nil Ongoing Nil Annexure – XI
20. Participation in Academic Research Bodies in other institutions : No Annexure – XII
21. Service rendered in academic / Extra Curricular/ Extension activities within the College other than teaching : No 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	A.V.V.M Sri Pushpam College Poondi.	06.04.2015 - 18.04.2015	General

**ANNEXURE - I****WHETHER FDP AVAILED, IF YES, FURNISH DETAILS : NO**

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.	Facets of Nonlinear Dynamics	State level	Department of physics AVVM Sri Pushpam College (Autonomous), (NAAC ACCREDITED) Poondi.	7rd October 2005
2.	Techniques in Crystal Growth & Thin Films	State level	Department of physics AVVM Sri Pushpam College (Autonomous), (NAAC ACCREDITED) Poondi.	29th August 2012
3.	Growth & Characterization of single Crystals and Nanomaterials	National level	Sacred Heart College,Chalakydy.	11-12th March 2013
4.	Training on XRD & SEM (Analyzes and Report Making)	State level	Department of Materials Science and Engineering,	25th -26th September 2013
5.	Aptitude Training for NET / SLET Aspirants.	State level	CARE School of Engineering. Gnamam School of Business, Thanjavur.	29th November 2013
6	Crystalline Materials and Optoelectronic Devices	International level	Jamal Mohamed College Thiruchirappalli	03rd February 2014

<b>7</b>	Recent Trends in Nano Materials and Thin Films Research- (RTNMTR-2015)	National level	AVVM Sri Pushpam College(Autonomous) Poondi.	3rd & 4th March 2015
<b>8</b>	Crystal Growth, Structure, Optical, Thermal & Mechanical Studies of NaZnS-NLO material.	International level	Anna University Tiruchirappalli.	16th & 17th October 2015
<b>9</b>	Recent Developments in Chemical Physics and Thin Technology for Energy Applications.	State level	AVVM Sri Pushpam College (Autonomous). Poondi.	19th August 2016

#### ANNEXURE – IV

#### PAPERS PRESENTED IN SEMINARS/CONFERENCES, SYMPOSIA, WORKSHOPS, ETC

<b>Sl. No.</b>	<b>Title of the Paper</b>	<b>Level (State / National / International)</b>	<b>Sponsoring Agency and Name of the Institution</b>	<b>Date</b>
1.	Growth & Characterization of single Crystals and Nanomaterials	National level	Sacred Heart College,Chalakydy	11-12 <sup>th</sup> March 2013
2.	Crystalline Materials and Optoelectronic Devices	International level	Jamal Mohamed College Thiruchirappalli.	03 <sup>rd</sup> February 2014
3	Recent Trends in Nano Materials and Thin Films Research- (RTNMTR-2015)	National level	AVVM Sri Pushpam College. Poondi	3 <sup>rd</sup> & 4 <sup>th</sup> March 2015
4	Crystal Growth, Structure, Optical, Thermal & Mechanical Studies of NaZnS-NLO material.	International level	Anna University Tiruchirappalli.	16 <sup>th</sup> & 17 <sup>th</sup> October 2015

#### ANNEXURE – V

#### RESEARCH PAPERS PUBLISHED:

<b>Sl. No.</b>	<b>Title of the Paper</b>	<b>JOURNAL</b>			<b>Page Number</b>
		<b>Name</b>	<b>Volume</b>	<b>Year / Month of Publication</b>	
1.	Influence of ethylene diamine tetra acetic acid on the performance of ferrous sulphate hepta hydrate- a nonlinear optical single crystal.	Material letters	161	2015	224-225

**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: NIL**

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: NIL**

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	Broad area	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)

**SERVICE IN ACADEMIC / EXTRA CURRICULAR/ EXTENSION ACTIVITIES :NIL**

<b>Sl. No.</b>	<b>Name of the Activity</b>	<b>Period</b>

**ANNEXURE - XIV****MEMBERSHIP IN PROFESSIONAL BODIES:NIL**

<b>Name of the Professional Body</b>	<b>National/International</b>	<b>Period</b>

**ANNEXURE - XV****HONORS AND AWARDS RECEIVED**