

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

STAFF PROFILE as on: 2013-2018

: Dr.K.MURUGANANTHAN

1. Name of the Staff

2. Designation : ASSISTANT PROFESSOR

3. Academic Qualification : M.Sc.,M.Phil.,Ph.D



	Course	UG	PG			M.PHIL.			PH.D.				
	Year	1995-1998	199	98-2000			2005				201	13	
	College & University	Rajah Serfoji Govt College, Thanjavur Bharathidasan University	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	n & Age	: 31-07-19	978 & 4	0								
5.	Date of App	ointment	: Self-	- Finance	:	D 1	D 5	M 0	<u>M</u> 7	Y 2	Y 0	Y 0	Y 2
				FIP Aided	:	2	7	1	1	2	0	1	3
6.	Total Service	e	· 16 Vre	5 Months	•	ĹĹ	,					1	
7.	Teaching Ev	perience in completed				$\neg$			1				1
7.	years	perience in completed	: U	IG 1	6		PG	16		M.Pl	nil.	12	
8.	Residential A	Address	madhakk	auveri naga kottai road, r-613005		,			_				
		Mobile Number	: 9443223	915									
		E-Mail Address	: <u>drkmsys</u>	@yahoo.co	<u>om</u>	, dı	rkmsys@gr	nail.com					
9.		tation / Refresher Courses Programmes attended		ion course er course							An	nexure	– I
10.	Whether FD details	P availed, if yes, furnish	: NO								Anr	nexure -	- II
11.		nars attended	: 01								Anı	nexure -	- III
12.	No. of Paper	rs Presented	: 02								Anı	nexure -	- IV
13.	No. of Paper	rs Published	: 02								Anı	nexure -	- V
14.	No. of Book	s Published	: NIL								Anr	nexure -	- VI
15.	No. of Guest other institut	t Lectures delivered in tions	: 05								Anı	nexure -	- VII
16.	No. of Res	earch Projects undertaken	: Min	or Nil	Majo	or _		hers ecify)			Ann	exure –	VIII
17.	No. of Semin	nars organised	: 02								Ann	exure –	·IX
18.	No. of. M.Ph	nil. Scholars Guided	: Complet	ed	17	_	Ongoin	g <u>02</u>	_		Ann	exure –	X
19.	No. of. Ph.D	. Scholars Guided	: Av	varded	Nil	_	Ongoin	g Nil	_		Ann	exure –	XI
20.		n in Academic Research her institutions	: Yes								Anne	xure – 2	XII
21.	Curricular/ E	ered in academic / Extra Extension activities within other than teaching	: Yes								Anne	xure – 2	XIII
22.	Service rend outside the C	ered in Professional bodies College	:								Anne	xure – 2	XIV
23.	Honors / Aw	vards received	: Nil								Anne	xure – 2	XV

#### DETAILS OF ORIENTATION, REFRESHER COURSES AND TRAINING PROGRAMMES ATTENDED:

SL. NO.	COURSE	UNIVERSITY	PERIOD	TITLE
1.	Orientation Programme	Bharathiar University, Coimbatore	06-05-2015 to 02-06-2015	107 <sup>th</sup> - Orientation
2.	Refresher Course	Bharathidasan University, Trichirappalli	20-12-2017 to 09-01-2018	Nanotechnology

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.	Application oriented materials in science and technology	International	EGS Pillai Arts and Science college, Nagapattinam	14-15 <sup>th</sup> Sept 2018

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.	LUMINESCENCE SWOT UP OF L-PROLINE SUCCINATE (LPS) MATERIAL	International	Nanyang technological university, Singapore	16-17 <sup>th</sup> June2017
2.	SYNTHESIS, CHARACTERIZATION AND CATALYTIC ACTIVITY OF CYSTEINE STABILIZED SILVER NANOPARTICLES	International	EGS Pillai Arts and Science college, Nagapattinam	14-15 <sup>th</sup> Sept 2018

#### **RESEARCH PAPERS PUBLISHED:**

Sl.			JOURNAL		Dogo
No.	Title of the Paper	Name	Volume	Year / Month of Publication	Page Number
1.	STUDY TO ELIMINATE THE	Sensors &	Vol. 149,	February 2013	pp. 187-192
	EFFECT OF	Transducers	Issue 2		
	HYPERBILIRUBINEMIA IN				
	MEASUREMENT OF BLOOD				
	COAGULATION ASSAY				
	DEVELOPMENT AND ANALYSIS	Research Journal	RJPBCS	February 2014	Page No. 11- 23
2.	OF BIS[(BENZO-15-CROWN-5)-4-	of Pharmaceutical,	5(1)		
	METHYL] PIMELATE BASED	Biological and			
	POTASSIUM COATED WIRE	Chemical Sciences			
	ION SELECTIVE ELECTRODE				
	•	1			

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.	Microprocessor and its Application	Annai Velankanni Arts and Science college, Thanjavur	18 <sup>th</sup> March 2015
2.	Microprocessor and its Application	Enathi Rajappa Arts and Science college, Pattukkottai	18 <sup>th</sup> Feb 2016
3.	Hardware and Evolution of Science in Physics	Adaikala Matha College, Vallam, Thanjavur	7 <sup>th</sup> March 2016
4.	Namomaterial Introduction	EGS Pillay group of Institution, Nagapattinam	3 <sup>rd</sup> Nov 2016
5.	Microcontroller Applications in Biomedical	Adaikala Matha College, Vallam, Thanjavur	15 <sup>th</sup> Sep 2018

ANNEXURE – VIII

# $\label{eq:research} \textbf{RESEARCH PROJECTS} - \textbf{ONGOING AND COMPLETED:}$

SL. No.	Title of the project	Minor/ Major	Name of the Funding Agency	Period	Amount Sanctioned	UC Submitted If Yes, Date and Year

# 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.	State level one day seminar on  "RECENT DEVELOPMENTS IN  CHEMICAL PHYSICS AND THIN  FILM TECHNOLOGY FOR ENERGY  APPLICATION"	AVVM Sri Pushpam College Poondi		19 <sup>th</sup> August 2016.	No
2.	Workshop on Microprocessor Architecture and Interfacing	AVVM Sri Pushpam College Poondi		8 <sup>th</sup> February 2018	No

# ANNEXURE – X

# Research Experience (M.Phil.) - Guided and Guiding

	Name of the students	Title of the thesis	Subm itted	Awar ded	Name of the university	Month and Year
1.	B.BHARATHI	Estimation of potassium in human blood using LPC2136 μc		Yes	AVVM SPC	Aug 2013
2.	GAYATHIRI	LPC2138 μc based blood clot time measurement for human blood		Yes	AVVM SPC	Sep 2014
3.	K.SHARMILA	STM32F103 µc and ZIGBEE based system for agriculture		Yes	AVVM SPC	Sep 2016
4.	M.NEELAKANDAN	Blood clotting time range measured by atmega64 µc		Yes	AVVM SPC	Oct 2015
5.	T.KAVITHA	Experimental implementation of blood cholesterol concentration using µc		Yes	AVVM SPC	Oct 2015
6.	B.PADMAVATHY	Studies on the physical properties of spray deposited NiO thin flims		Yes	AVVM SPC	Aug 2015
7	T.SIVARAMAN	Distance measurement of object by ultrasound sensors using ATmega64 µc		Yes	AVVM SPC	Dec 2016
8.	V.VANI	ATmega16 µc based wireless power transmission		Yes	AVVM SPC	Dec 2016
9.	V.SIVASARAVANA BHAVAN	Microcontroller based human detector usingPIR sensor		Yes	AVVM SPC	Dec 2016
10.	N.S.KALIDOSS	Food ordering system in restaurant using microcontroller		Yes	AVVM SPC	Sep 2017
11.	R.M.CHITRA	Atmel microcontroller based blood coagulation analyzer		Yes	AVVM SPC	Sep 2017

12.	J.R SATHYA	Microcontroller based distance measurement using ultrasonic	Yes	AVVM SPC	Sep 2017
13.	D.NAMOHAR	power saving in home automated control system using pir and microcontroller	Yes	AVVM SPC	Sep 2017
14.	S.HEMALATHA 17PHB555	Microcontroller (Arduino) Based Smoke  Detector Alarm System Using Gsm Module  Communication	Yes	AVVM SPC	Sep 2018
15.	S.JAYACHITRA 16PHB758	Bio-Synthesis Of Silver Nanoparticles Using Citrus Lemon Fruit Extract	Yes	AVVM SPC	Sep 2018
16.	R.SHANMUGARAJA Reg. No: 16PHB703	Synthesis, Characterization And Catalytic Activity Of Cysteine Stabilized Silver Nanoparticles	Yes	AVVM SPC	Sep 2018
17.	N.SUMATHI Reg. No: 16PHB756	Prothrombin Time Range Measured By Atmega64 Microcontroller	Yes	AVVM SPC	Sep 2018

#### 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)
M.R Govt Art College, Mannargudi			DC Member			31 <sup>st</sup> May 2017

#### ANNEXURE – XIII

#### SERVICE IN ACADEMIC / EXTRA CURRICULAR/ EXTENSION ACTIVITIES

Sl. No.	Name of the Activity	Period		
1.	Students Welfare committee	2014-2015		
2.	Training and placement cell	2015-2016		
3.	Training and placement cell	2016-2017		
4.	Transport Committee	2017-2018		
5.	Transport Committee	2018-2019		

#### MEMBERSHIP IN PROFESSIONAL BODIES

Name of the Professional Body	National/International	Period

ANNEXURE – XV

HONORS AND AWARDS RECEIVED