

**STAFF PROFILE as on : 2013-2018**

: **Dr.K.MURUGANANTHAN**



1. Name of the Staff
2. Designation
3. Academic Qualification

: **ASSISTANT PROFESSOR**  
: **M.Sc.,M.Phil.,Ph.D**

Course	UG	PG	M.PHIL.	PH.D.
Year	1995-1998	1998-2000	2005	2013
College & University	Rajah Serfoji Govt College, Thanjavur Bharathidasan 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 : 31-07-1978 & 40

Date of Appointment	Self – Finance	FIP	Aided	D	D	M	M	Y	Y	Y	Y
				1	5	0	7	2	0	0	2
				2	7	1	1	2	0	1	3

6. Total Service : **16 Yrs 5 Months**

7. Teaching Experience in completed years : UG 16 PG 16 M.Phil. 12

8. Residential Address : 6/ 225 cauveri nagar east, madhakkottai road, thanjavur-613005

Mobile Number : 9443223915

E-Mail Address : [drkmsys@yahoo.com](mailto:drkmsys@yahoo.com) , drkmsys@gmail.com

9. No. of Orientation / Refresher Courses and Training Programmes attended : Orientation course Refresher course 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 : 02 Annexure – IV
13. No. of Papers Published : 02 Annexure – V
14. No. of Books Published : NIL Annexure – VI
15. No. of Guest Lectures delivered in other institutions : 05 Annexure – VII
16. No. of Research Projects undertaken : Minor Nil Major Nil Others (Specify) \_\_\_\_\_ Annexure – VIII
17. No. of Seminars organised : 02 Annexure – IX
18. No. of M.Phil. Scholars Guided : Completed 17 Ongoing 02 Annexure –X
19. No. of Ph.D. Scholars Guided : Awarded Nil Ongoing Nil Annexure – XI
20. Participation in Academic Research Bodies in other institutions : Yes Annexure – XII
21. Service rendered in academic / Extra Curricular/ Extension activities within the College other than teaching : Yes Annexure – XIII
22. Service rendered in Professional bodies outside the College : Annexure – XIV
23. Honors / Awards received : Nil Annexure – XV

*Signature of the Staff*

**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
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## 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



**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

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

	Name of the students	Title of the thesis	Submitted	Awarded	Name of the university	Month and Year
1.	B.BHARATHI	Estimation of potassium in human blood using LPC2136 $\mu$ c		Yes	AVVM SPC	Aug 2013
2.	GAYATHIRI	LPC2138 $\mu$ c based blood clot time measurement for human blood		Yes	AVVM SPC	Sep 2014
3.	K.SHARMILA	STM32F103 $\mu$ c and ZIGBEE based system for agriculture		Yes	AVVM SPC	Sep 2016
4.	M.NEELAKANDAN	Blood clotting time range measured by atmega64 $\mu$ c		Yes	AVVM SPC	Oct 2015
5.	T.KAVITHA	Experimental implementation of blood cholesterol concentration using $\mu$ c		Yes	AVVM SPC	Oct 2015
6.	B.PADMAVATHY	Studies on the physical properties of spray deposited NiO thin films		Yes	AVVM SPC	Aug 2015
7.	T.SIVARAMAN	Distance measurement of object by ultrasound sensors using ATmega64 $\mu$ c		Yes	AVVM SPC	Dec 2016
8.	V.VANI	ATmega16 $\mu$ c based wireless power transmission		Yes	AVVM SPC	Dec 2016
9.	V.SIVASARAVANA BHAVAN	Microcontroller based human detector using PIR 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	<u>Prothrombin Time</u> 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
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#### 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

**HONORS AND AWARDS RECEIVED**