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

STAFF PROFILE

1.	Name of the Staff	:	**Dr.R.SIVAKUMAR**
2.	Designation	:	**ASSOCIATE PROFESSOR OF COMPUTER SCIENCE**
3.	Academic Qualification	:	M.Sc., M.Phil.,Ph.D.,

Course	UG-B.Sc(Comp.Sci)	PG-M.Sc.(Comp.Sci)	M.Phil.-COMPU.SCI.	Ph.D. COMP.SCI.
Year	1986-89	1990-92	2000	2021
College & University	A.V.V.M.SRI PUSHPAM COLLEGE BHARATHIDASAN UNIVERSITY	THANTHAI HANS ROEVER COLLEGE, PERAMBALUR BHARATHIDASAN UNIVERSITY	S.S.P—SHRIMATHI INDRA GANDHI COLLEGE TRICHY BHARATHIDASAN UNIVERSITY	A.V.V.M.SRI PUSHPAM COLLEGE BHARATHIDASAN UNIVERSITY

4.	Date of Birth & Age	:	**01-06-1969, 52**

5. Date of Appointment :

	D	D	M	M	Y	Y	Y	Y
Self – Finance :	0	4	0	8	1	9	9	3
FIP :	1	5	1	2	1	9	9	5
Aided :	1	6	0	9	1	9	9	8

6.	Total Service	:	**29**

7. Teaching Experience in completed years :

UG	29	PG	29	M.Phil.	25

8.	Residential Address	:	**1/100-1,NORTH STREET,POONDI-PO, PIN-613 502, THANJAVUR-DT.**
	Mobile Number	:	**9443662648**
	E-Mail Address	:	**prs_cs_poondi@yahoo.co.in, prsivakumar123@gmail.com**
9.	No. of Orientation / Refresher Courses and Training Programmes attended	:	4 Annexure – I
10.	Whether FDP availed, if yes, furnish details	:	Nil Annexure – II
11.	No. of Seminars attended	:	22 Annexure – III
12.	No. of Papers Presented	:	04 Annexure – IV
13.	No. of Papers Published	:	09 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	:	Minor ___-___ Major ___-___ Others (Specify) ___-___ Annexure – VIII
17.	No. of Seminars organised	:	Nil Annexure – IX
18.	No. of. M.Phil. Scholars Guided	:	Completed __31__ Ongoing __4__ Annexure –X
19.	No. of. Ph.D. Scholars Guided	:	Awarded __-__ Ongoing __-__ Annexure – XI
20.	Participation in Academic Research Bodies in other institutions	:	07 Annexure – XII
21.	Service rendered in academic / Extra Curricular/ Extension activities within the College other than teaching	:	01 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

Note: Evidence should be produced at the time of verification of the Profile.

DETAILS OF ORIENTATION, REFRESHER COURSES AND TRAINING PROGRAMMES ATTENDED:

SL. NO.	COURSE	UNIVERSITY	PERIOD	TITLE
1.	Orientation Course	PondicheryUniversity , PONDICHERY.	04-05-2002 TO 31.05.2003	UGC Sponsored Orientation Course
2.	Refresher Course	University of Kerala, Kariavatam, THIRUVANANTHAPURAM	03.03.2003 TO 24.03.2003	Computer Applications
3.	Refresher course	Bharathidasan University, TIRUCHIRAPPALLI	03.11.2003 TO 23.11.2003	Computer Science
4.	Refresher course	Bharathidasan University, TIRUCHIRAPPALLI	01.11.2008 TO 21.11.2008	Computer Science

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 PATTERN REGOGNITION	STATE	PERIYAR UNIVERSITY, SALEM	01.09.07
2.	WORKSHOP ON MOBILE COMPUTING	STATE	PERIYAR UNIVERSITY, SALEM	30.08.08
3.	WORKSHOP ON DATAMINING ROUGH SET THEORY	STATE	PERIYAR UNIVERSITY, SALEM	03.03.07
4.	WORKSHOP ON MOBILE AND PERVASIVE COMPUTING	STATE	NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY	04.08.07
5.	SEMINAR ON RECENT TRENDS IN INFORMATION TECHNOLOGY	NATIONAL	SRI RAMAKRISHNA MISSION VIDHAYLAYA COLLEGE,CBE	17.03.08
6.	WORKSHOP ON RESEARCH PROSPECTS IN DATAMINING	STATE	UGC GRANT	22.03.07
7.	WEB SERVICES ARCHITECTURE AND APPLICATIONS	STATE	AICTE SPONSORED SYMPOSIUM	12.12.08
8.	CLOUD COMPUTING AND WEB2.0	STATE	DHANALAKSHMI SRINIVASAN ARTS &SCIENCE COLLEGE, PERAMBALLORE	06.03.10
9.	SEMINAR ON RESEARCH ISSUES IN DIGITAL IMAGE PROCESSING(III)	NATIONAL	MEPCO SCHLENK ENG.COLLEGE, SIVAKASI	20.03.10
10.	SEMINAR ON RESEARCH ISSUES IN DIGITAL IMAGE PROCESSING(IV)	NATIONAL	MEPCO SCHLENK ENG.COLLEGE, SIVAKASI	19.03.11

11.	NATIONAL e-GOVERNANCE PLAN(NEGP) AWARENESS CAMPAIGN WORKSHOP	NATIONAL	MINISTRY OF COMMN. AND INFN. TECH. GOVT.OF INDI.NEW DELHI	09.01.12
12.	SEMINAR ON RESEARCH IN COMPUTERS:WHY,WHAT AND HOW	INTERNATIONAL	BHARATHIYARN UNI, COIMBATORE	10.02.12
13	WORKSHOP ON RECENT RESEARCH TRENDS IN COMPUTER TECHNIQUES FOR BIOINFORMATICS	NATIONAL	MEPCO SCHLENK ENGG COLLEGE,SIVAGASI	24.07.15&25.07.15
14.	WORKSHOP ON MACHINE LEARNING	NATIONAL	PSGR,KRISHNAMAL COLLEGE FOR WOMEN,COIMBATORE	09.02.16&11.02.16
15	SEMINAR ON ROLE OF INFORMATION TECHNOLOGY IN AGRICULTURE FOR ECONOMIC DEVELOPMENT INRURAL INDIA	NATIONAL	A.V.V.M SPC,POONDI	21.03.2015
16.	SEMINAR ON A STUDY ON E LEARNING TRENDS AND THEIR METHODOLOGIES	NATIONAL	E.G.S PILLAI ENGG COLLEGE ,NAGAPATTINAM	02.07.15
17	SEMINAR ON NEW HIGHER EDUCATION POLICY CHALLENGES AND PROSPECTS	NATIONAL	AIFUCTO AMBAJI,GUJARAT	18.12.15TO 20.12.15
18	ENCOUNTERS FOR EFFECTUAL ANNOUNCEMENT IN UNDERWATER	INTERNATIONAL	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND ENGG	MAY 2015
19	INTERNET OF THINGS	NATIONAL	DEPARTMENT OF COMPUTER SCIENCE AT BHARATHIYAR UNIVERSITY, COIMBATORE	FEB 19th – 25th 2018
20	CLOUD FOR EDUCATIONAL INSTITUTIONS	INTERNATIONAL	MOTHER TERESA WOMEN'S UNIVERSITY, KODAIKANAL	June 22nd to 23rd 2018-08-10
21	THE ROLE OF INTERNET OF THINGS IN AGRICULTURE CROP PRODUCTION AND MANAGEMENT	UGC SPONSORED NATIONAL SEMINAR	A.V.V.M SRI PUSHPAM COLLEGE [AUTONOMUS] POONDI	March 16th and 17th 2018
22	HIGHER EDUCATION IN INDIA:CHALLENGES AND PROSPECTS	STATE LEVEL	ASSOICATION OF UNIVERSITY TEACHERS[REGD.] TAMILNADU	July 15th 2018

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	"Mobile Commerce Pattern Matching Using CFD Technique"	International Conference on " Next Generation of Mobile Services, Applications and Technologies"	Bon Secours College for women Thanjavur	2013
2	"A study on e-learning trends and their methodologies"	International	EGS PILLAY ENGINEERING COLLEGE NAGAPATTINAM / ICTACT	May 8th - 09th, 2015.
3	" Automation of Class Attendance and Enhancement of Student Academic Performance using IOT in Higher Education"	8th International Conference On SMART 15	ADAIKALAMATHA INSTITUTE OF MANAGMENT & RESEARCH	27TH October 2018
4	"The Role of Internet of Things in Agricultural Crop Production and Managment"	UGC Sponsored National Seminar	A.V.V.M Sri Pushpam College Poondi	16th & 17th March 2018

RESEARCH PAPERS PUBLISHED:

Sl.No.	Title of the Paper	JOURNAL			Page Number
		Name	Volume	Year / Month of Publication	
1.	"Encounters for Effectual Announcement in underwater "	International Journal of Computer Sciences And Engineering	3(11)	2015	357-364
2.	"Managing Context Based Interaction Systems for Mobile Devices in Computer Software Learning"	International Journal of Advanced Research in Computer Science and Software Engineering	06	2016	999-1002
3.	"The Evaluation of medical device interaction based prototype verification system using human operator model"	International Journal of Computer Sciences And Engineering	4(5)	2016	185-189
4.	" The Impact of Computerized Information in Health Centers for Efficient Patient Records"	International Journal of Computer Science and Engineering	4(5)	May 2016	-
5.	"Managing Context Based Interaction Systems for Mobile Devices in Computer Software Learning"	International Journal of Advanced Research in Computer Science and Software Engineering	6(5)	May 2016	999-1002

6	Finger print Based Students Authentication and Performance Enhancement in Educational Institutions using IoT Technology	International Journal of Management, Technology And Engineering	*Volume IX, Issue V*	MAY/2019
7	Automation of Class Attendance and Enhancement of Student Academic Performance Using IoT in Higher Education	International Journal of Scientific Research in Computer Science Applications and Management Studies	*Volume 7, Issue 5*	September 2018
8	Hybrid Feature Extraction and CNN Classifier for Finger Print Recognition	Jour of Adv Research in Dynamical & Control Systems,	*Vol. 11*	2019
9	A Convolutional Neural Network based Fingerprint and Face Biometric Multi-modal for Educational Authentication System	International Journal of Advanced Science and Technology	*Vol. 29, No. 3*	pp. 3486 - 3497

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

Sl. No.	Name of the Scholar	Title of the Dissertation	Year of Study	University
1.	S.BALAMURUGAN	FRAME WORK OF COST ALGORITHMS TO IMPROVE THE PERFORMANCE IN A COMPUTING CLUSTER	2002-03	BHARATHIDHASAN UNIVERSITY
2.	K.NATARAJAN	HIDDEN TERMINAL PROBLEM IN WIRELESS TRANSMISSION	2003-04	BHARATHIDHASAN UNIVERSITY
3.	R.BALASUBRAMANIYAM	ENHANCING e-COMMERCE APPLICATIONS WITH PIVOTS	2003-04	BHARATHIDHASAN UNIVERSITY
4.	K.SUDHAKAR	AUTOMATED LESSON CONSTRUCTION FROM TEXTBOOK	2004-05	BHARATHIDHASAN UNIVERSITY
5.	S.NAVITHA	AN EFFICINT SCHEDULING AND EFFECTIVE TIMING ANALYSIS	2004-04	BHARATHIDHASAN UNIVERSITY
6.	B.THEERGADARSHINI	COMPARATIVE STUDY ON ONE RULE AND DECISION TREE ALGORITHM	2005-06	BHARATHIDHASAN UNIVERSITY
7.	N.SATHIYALAKSHMI	A SURVEYOUN COMMUNICATION NETWORK FOR ELECTRICSYSTEM AUTOMATION	2006-07	BHARATHIDHASAN UNIVERSITY
8.	R.SELVRBANU	A MEASUREMENT STUDY OF CORRELATIONS INTERNET FLOWCHARACTERSTICS	2006-07	BHARATHIDHASAN UNIVERSITY
9.	C.UMAMAHESWARI	DIRECTORY ACCESS USING LDAP OVER X.500	2007-08	BHARATHIDHASAN UNIVERSITY
10.	V.DHANALAKSHMI	EXPLOITING EFFICIENT DATA MINING TECHNIQU ENHANCE INTRUSION DETECTION	2007-08	BHARATHIDHASAN UNIVERSITY
11.	M.RAJABHAGAVATHI	EXPLOITING DETERMINING TECHNIQUE FOR BROADCAST DATA IN MOBILE COMPUTING ENVIRONMENT	2008-09	BHARATHIDHASAN UNIVERSITY
12.	M.PAPATHI	INTELLIGENT QUERY ANSWERING BASED ON NEIGHBOURHOOD SYSTEM	2008-09	BHARATHIDHASAN UNIVERSITY
13.	K.JEYANTHI	PROSPECTING SECULAR MOBILE PERSISTENT	2008-09	BHARATHIDHASAN UNIVERSITY
14.	S.SARAVANA PRABHU	MOBILE AGENT PLATFORM WEB DATABASE	2009-10	BHARATHIDHASAN UNIVERSITY
15.	P.VALLI	A NEW PRIVACY MESSURE FOR DATA PUBLISHING	2009-10	BHARATHIDHASAN UNIVERSITY
16.	R.NITHYA	A STUDY ON HARVESTING TERRORIS INFORMATION FROM THE WEB	2009-10	BHARATHIDHASAN UNIVERSITY
17.	S.SUMITHA	RETRIVEL OF PERSONAL PHOTOS USING TEX, QUERY	2010-11	BHARATHIDHASAN UNIVERSITY
18.	K.PRAVEENA	THE ROLE OF DISTRIBUTED COLLOBORATIVE INT. AGENT SYSTEM	2010-11	BHARATHIDHASAN UNIVERSITY
19.	R.MANIMEGALAI		2011-12	BHARATHIDHASAN UNIVERSITY
20.	R.SHANTHINIDEVI		2011-12	BHARATHIDHASAN UNIVERSITY
21.	A.JEGANATHAN		2011-12	BHARATHIDHASAN UNIVERSITY
22.	A.TAMILNATHAN		2013-14	BHARATHIDHASAN UNIVERSITY
23.	A.STENILA	HAND GESTURES USING 3D MODEL	2014-15	BHARATHIDHASAN UNIVERSITY
24.	R.SHARMILA	IMPLEMENTATION OF HUMAN FACIAL EXPRESSION RECOGNITIONS IN E-LEARNING ENVIRONMENT	2014-15	BHARATHIDHASAN UNIVERSITY
25.	LIZZY VALENTINE S.H.	PRIORITY METRIC BASED AD HOC ROUTING ALGORITHM FOR MOBILE UNDER WATER SENSOR NETWORKS	2014-15	BHARATHIDHASAN UNIVERSITY

26.	M.RAMYA	ENHANCE TGE E-LEARNING INTER OPERABILITY USING WEBSERVICE REMOTE PORTAL	2015-16	BHARATHIDHASAN UNIVERSITY
27.	R.PRIYANKA	A NOVEL FRAME WORK FOR FACIAL EXPRESSION detection USING DYNAMIC SYSTEM	2015-16	BHARATHIDHASAN UNIVERSITY
28.	S.NARMATHA	DEVELOPING SANCTUARY APPLICATION FOR HEALTH REPLICATION PHYSICAL ORGANIZATION	2015-16	BHARATHIDHASAN UNIVERSITY
29.	A.SEETHA	MEASUREMENT COGNITIVE WORK LOAD EYE TRACKING TECHNOLOGY USING PUPIL DILATION AND ENVIRONMENT	2016-17	BHARATHIDHASAN UNIVERSITY
30.	V.ANISHA	A STUDY ON EMOTION DETECTION USING FEATURE EXTRACTION TECHNIQUE	2016-17	BHARATHIDHASAN UNIVERSITY
31.	R.PRIYANKA	AUTOMATION OF CLASS ATTENDANCE AND ENHANCEMENT OF STUDENT ACADEMIC PERFORMANCE USING IOT IN HIGHER EDUCATION	2017-18	BHARATHIDHASAN UNIVERSITY
32.	S.NIVETHA	------------	2017	BHARATHIDHASAN UNIVERSITY
33.	C.AKILANDESWARI	------------	2018	BHARATHIDHASAN UNIVERSITY
34.	R.GAYATHRI	------------	2018	BHARATHIDHASAN UNIVERSITY
35.	P.DEVI	------------	2018	BHARATHIDHASAN 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)
MADRAS UNIVERSITY					QUESTION SETTING	
BHARATHIAR UNIVERSITY					"	
PERIYAR UNIVERSITY					"	
MADURAI KAMARAJAR UNIVERSITY					"	
THIRUVALLUVAR UNIVERSITY					"	
ANNAMALAI UNIVERSITY					"	
ALAGAPPA UNIVERSITY					"	

ANNEXURE – XIII

SERVICE IN ACADEMIC / EXTRA CURRICULAR/ EXTENSION ACTIVITIES

Sl. No.	Name of the Activity	Period
1.	College Web Design Committee member	Since 2010