

CAUVERY COLLEGE FOR WOMEN
(AUTONOMOUS)
STAFF PROFILE

PERSONAL INFORMATION

1. Name : Dr. V.Sinthu Janita Prakash

2. Date of Birth : 04.04.1972

3. Address :

Residential	Office
V Sinthu Janita Prakash 100, Crawford Colony, Tiruchirappalli-620012 Email:sinthujanita@gmail.com Mobile: 9894484436	V Sinthu Janita Prakash Professor & Head Department of Computer Science Cauvery College for Women(A) Annamalainagar Trichy -620018 Ph: 0431-2471705 Email: sinthujanita@cauverycollege.ac.in Mobile: 9894484436

ACADEMIC INFORMATION

4. Designation & Department:

Dean of Science,
IQAC Co-Ordinator
Member Secretary of Academic Council
Professor & Head, Department of Computer Science

5. Educational Qualification:

Degree	Year	College/University
B.Sc (Phy)	1992	Madurai Kamaraj University
PGDCA	1993	Bharathidasan University
MCA	1996	Bharathidasan University
M.Phil.	2001	Mother Teresa Women's University
Ph.D.	2013	Bharathidasan University

6. Researcher ID :

PORTAL	ID
VIDWANID	174654
GOOGLE SCHOLAR	https://scholar.google.co.in/citations?user=QK_xYCfYAAAAJ&hl=en
SCOPUS	57200138164
WEB OF SCIENCE	<u>AAJ-1682-2021</u>
ORCID ID	0003-4955-0233
PUBLONS	4329231/sinthu-janita-prakash/

7. Experience :

Date of Joining	Institution	Years of Experience
22.07.1996	Cauvery College for Women (Autonomous)	Till Date

8. Areas of Specialization : Communication Network

9. Languages known : Tamil & English

10. Subjects Taught :

UG	DBMS, Computer Architecture, Computer Architecture, Pascal & Data Structures, C & System Programming, Digital Computer Fundamentals, Local Area Networks, Data Structures, Data Communication & Networks, Computer Organisation & Architecture, Communication Networks, Visual Programming, Soft Skills Development, Operating Systems
PG	Mobile Communications, Mobile Computing, Data Communication & Networks, Communication Networks, Operating Systems, Computer Networks, Digital Computer Fundamentals, Computer Architecture, Big Data Analytics
M.Phil	Recent Trends in Computer Science, Network Security, Research Methodology

11. Research Supervision:

a. Guidance:(from inception)

[illegible]

Course	Number of Candidates										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
UG	8	8	-	-	-	-	-				
PG	4	4	4	-	-	-	-				
MPhil	3	3	2	3	2	1	2	1	1	1	
PhD	-	-	-	-	2	6	6	6	6	4	4

b) Research Guidance: M.Phil

S.No	Name & Reg No	M.Phil	Year of Submission	Title of the Thesis	University
1	03CD2474 S Parameswari	M Phil	Nov 2004	Network System Controller	Bharathidasan
2	03CD2932 N Karpagavalli	M Phil	Aug 2004	A performance analysis of routing protocols in Mobile AdHoc networks	Bharathidasan
3	03CD2988 P Revathi	M Phil	Aug 2004	A comparative analysis in the performance QoS routing protocols in Mobile AdHoc networks	Bharathidasan
4	03CD2454 M Amutha	M Phil	Nov 2004	Grid computing based Arithmetic Expressions Evaluation system	Bharathidasan
5	03CD2876 B Arputha Mary	M Phil	Aug 2004	Analysis of network routing strategies and simulation system	Bharathidasan
6	04CD15158 A Bhuvaneswari	M Phil	Aug 2005	Hybrid protocol in proxy server for file transfer	Bharathidasan
7	04CD15178 R Kavitha	M Phil	Dec 2005	Digital signature schemes with message recovery	Bharathidasan
8	05CD19781 M.Subalakshmi	M Phil	Aug 2006	Efficient Security Mechanism for vector routing protocol	Bharathidasan
9	05CD19780 G. Srinaganya	M Phil	Aug 2006	A comparative study on fixed and variable length subnet mask	Bharathidasan
10	06CD29868 K Juliet Catherine Angel	M Phil	Aug 2007	Performance analysis of static and dynamic approaches in wireless micro sensor networks	Bharathidasan
11	06CD29967 L Kiruthika	M Phil	Aug 2007	Identity based encryption and authentication using elliptic curve cryptography for network applications.	Bharathidasan

12	A Sathya 06CD29986	M Phil	Aug 2007	Communication security panel by Steganography	Bharathidasan
13	06CD30055 V Yasodha	M Phil	Aug 2007	BOTNET tracking using HONEYPOT	Bharathidasan
14	2K6FT21112 E Sajeena	M Phil	Aug 2007	Comparison of NTLM and KERBEROS authentication protocols	Bharathidasan
15	2K6FT21108 S Jayanthi	M Phil	Aug 2007	Scalable routing in wireless AD- HOC network	Bharathidasan
16	2K7FT32482 N Sudha	M Phil	Aug 2008	A wireless distributed intrusion detection system and a new attack model.	Bharathidasan
17	2K8FT33580 M Annakamu	M Phil	Aug2009	OCGRR-A new scheduling algorithm for differentiated services networks	Bharathidasan
18	2K9FT-34753 S Akilandeswari	M Phil	Aug 2010	An efficient sever-side bandwidth control to avoid network congestion	Bharathidasan
19	2K9FT-34755 M.Durga Lakshmi	MPhil	Aug 2010	Routing in Delay –Tolerant Networks Comprising Heterogeneous Node Populations	Bharathidasan
20	2K9FT-34758 C Lakshmi Priya	M Phil	Aug 2010	Self Managing Networks	Bharathidasan
21	005M09C38010 T Pramila Jabavathy	M Phil	Aug 2010	Network Monitoring System	PRIST University
21	2K10FT-36020 MR Meenakshi	M Phil	Aug 2011	Evaluation and Comparison of Network Simulation Tools	Bharathidasan
22	2K10FT-36042 S Sujatha	M Phil	Aug 2011	Quality of Service for MANETS	Bharathidasan
23	2K10FT-36045 S Vandhana	M Phil	Aug 2011	Comparative Study of Ad-Hoc routing protocols using NS2	Bharathidasan
24	2K11FT-37429 E Gayathri	M Phil	Aug 2012	Active Queue management Algorithms RED and its variants	Bharathidasan
25	2K11FT-37442 T Nithya	M Phil	Aug 2012	Replica Attack Detection in Wireless Sensor Networks	Bharathidasan
26	2K11FT-37448 Radhiga	M Phil	Aug 2012	Eradicating Misbehaving users and achieving user privacy protection through nymble system	Bharathidasan
27	2 K12FT-39109 T Anitha	MPhil	Aug 2013	Analyzing the performance of Active Queue Management Algorithms	Bharathidasan
28	2K12FT-39110 T Devika	MPhil	Aug 2013	A Geometric Approach to Improve Active Packet LossImprovement	Bharathidasan
29	2K13FT-40741 S Kiruthiga	MPhil	Aug 2014	Least Capacity Energy paths for Consistent Communication in Multihop Network	Bharathidasan
30	2K13FT-40743 V Lakshmi	MPhil	Aug 2014	Optimizing Broadcasting for Reducing Routing Overhead in MANET	Bharathidasan

31	2k13FT-40753 APraveena Gayathri	MPhil	Aug 2014	Privacy Preserving Data Sharing with Anonymous IDAssignment	Bharathidasan
32	2K14FT-41480 R Priya	MPhil	Aug 2015	Halo Hop by hop Adaptive Link State Optimal Routing	Bharathidasan
33	2k14FT-41463 L Gayathri	MPhil	Aug 2015	Detection of Node Replication Attacks in Wireless Sensor Networks	Bharathidasan
34	2K14FT-41461 Y Gangalakshmi	MPhil	Aug 2015	Comparative study of the Symmetric and Asymmetric Cryptography Techniques	Bharathidasan
35	2K15FT-43364 J Dulasi	MPhil	Aug 2016	Pattern Based Topics for Document Modelling in Information Filtering	Bharathidasan
36	2K15FT-43389 Suganya S S	MPhil	Aug 2016	Subgraph Matching With Set Similarity in Birch Clustering Algorithm	Bharathidasan
37	2K16FT-16646 KIRUTHIKA A	MPhil	Oct 2017	A survey on network Tomography	Bharathidasan
38	2k17FT-18644 Vishalini prabakaran.P	MPhil	SEP 2018	Product review for sentiment analysis usingSVM algorithm	Bharathidasan
39	2K17FT-18630 MUTHAMIZH.M	MPhil	SEP 2018	A systematic approach to clustering Whole trajectories of mobile objects in road networks	Bharathidasan
40	2K18FT-20505 SUGANTHY S	MPhil	March 2020	Hybrid Similarity Measurement for Partitioned Clustering on Mixed Data Set	Bharathidasan

c. Research Guidance : Ph D

No	Name	Year & Month of Reg.	Area of Research	Title of the Research	Remarks
1	Ms.R MerlinPackiam	Oct 2015	Big Data	Study on Text Analytics Algorithms in Big Data	Completed 29.07.2020
2	Ms.H Krishnaveni	Oct 2015	Cloud Computing	A Study on Task Scheduling Algorithms in Cloud Computing Environment	Completed 20.08.2020
3	Ms.J Sangeetha	Jan 2016	Big Data	An Efficient Opinion based Recommender system with Quick Access Memory and collaborative Filtering	Completed
4	Ms. A Sahaya Jenitha	Jan 2016	Big Data	Efficient Sampling Selection Strategies for Large Scale Deduplication in Big Data	Pursuing

5	Ms.R Brendha	Oct 2016	MANET	Design of Geographical Zone based Traffic Aware Routing Algorithms for Vehicular Ad Hoc Networks	Completed
6	Ms.S Latha	Oct 2016	Network Security	An Efficient Intrusion Detection System with Feature Selection, Classification and Optimized Rule Generation Algorithms for Network Security	Completed
7	Ms.R.Sridevi	Mar 2021	Internet of Things	-	Pursuing
8	Ms.V.Yasodha	July 2021	Internet of Things	-	Pursuing
9	Ms.R.Rita Jenifer	July 2021	Internet of Things	-	Pursuing

c. Ph D Co-Guide

No	Name	Name of the Guide	University	Remarks
1	Nithya	Dr P S S Akilashree	Bharathidasan	Pursuing
2	Ahadha Parveen	Dr P S S Akilashree	Bharathidasan	Pursuing

e Ph D (Doctoral Committee)

No	Name of the scholar	Name of the Guide	Name of the other DC Member	University
1	K Geetha	Dr M Manimekalai	Dr M Pradeepa	Bharathidasan
2	Mr A Maria Josephin	Dr D I George Amalarethinam	Dr D Ravindran	Bharathidasan
3	G Vaitheeswaran	Dr L Arockiam	Dr S Charles	Bharathidasan
4	Thiruchendhil Arusu	Dr E George Dharma Prakash Raj	Dr D Ravindran	Bharathidasan
5	T Lucia Agnes Beena	Dr D I George Amalarethinam	Dr D Ravindran	Bharathidasan
6	B Tina Sherin	Dr P Calduwel Newton	Dr B Vani	Bharathidasan
7	R Akila	Dr K Mani	Dr R Chitra	Bharathidasan
8	K Juliet Catherine Angel	Dr E George Dharma Prakash Raj	Dr J John Raybin Jose	Bharathidasan
9	Hemalatha	Dr E George Dharma Prakash Raj	Dr A Bhuvaneswari	Bharathidasan
10	C. Amali Pushpam	Dr Gnanajayanthy	Dr T Chakaravarthy	Bharathidasan
11	R Uma	Dr Gnanajayanthy	Dr Siva Kumar	Bharathidasan
12	A Fairose Banu	Dr Nisha Jebaseeli	Dr George Dharma Prakash Raj	Bharathidasan
13	S Edel Josephine	Dr D I George Amalarethinam	Dr Monikandan	Bharathidasan

14	D Radhika	Dr A Bhuvaneswari	Dr Sheebha Arockiam	Bharathidasan
15	T Julie Mary	Dr A Bhuvaneswari	Dr P Rajeswari	Bharathidasan
16	D Janet Ramya	Dr L Arockiam	Dr P Mani	Bharathidasan

12. Details of Publications:

S.No	Title of the Paper	Name of the journal	Volume, Issue, ISSN Number	Impact Factor	Page Number	Date
1	“Analysis of Quality of Service Routing Algorithms”	International Journal of Information Technology and Web Engineering	4(2) ISSN 1554-1045	0.06	84-95	April-June 2009
2	Fairness and Percentage Loss Analysis for Short Lived Web Transfers using QMBCCA	International Journal of Computer Applications Published by Foundation of Computer Science, USA	Iss:16, Vol 2 ISSN: 0975-8887	0.752	40 - 43	Feb,2011
3	QoS Congestion Control Algorithms- A Survey	International Journal of Advanced Research in Computer Science	Vol 2, No. 4 ISSN:0976-5697	0.80	28- 41	July - Aug 2011
4	Normalized Throughput and Delay Analysis using QMBCCA in Wireless Networks	IEEE Xplore	ISBN:978-1- 4673-0270-8, INSPEC Accession Number: 12655182, DOI:10.1109/ICCCA2012.6179162,	0.0394	208 - 213	April 2012
5	Fairness and Loss Percentage Analysis using QMBCCA in Wireless Environment	IEEE Xplore	ISBN: 978- 1-4673-0213-5, INSPEC Accession Number: 12818726	0.03984	426 - 431	June 2012
6	Extended Queue Management Backward Congestion Control Algorithm for Web Transfer	Elsevier, Procedia Engineering, available online at Science Direct and Indexed by SCOPOUS &EI	doi:10.1016/j.proeng.2012.06.307 vol:38	0.629	2611– 2616	2012
7	Extended Queue Management Backward Congestion Control Algorithm	Springer-Verlag Berlin Heidelberg 2012, CCIS 296	ISBN: 978-3-642- 20572-9		215– 221	2012

8	Extended Queue Management Backward Congestion Control Algorithm for TCP Bulk Transfers in Wireless Environment	International Journal of Scientific & Engineering Research	Iss:5, Vol:3 ISSN:2229-5518	3.8	49-55	May 2012
9	Extended Queue Management Backward Congestion Control Algorithm for Web Transfers in Wireless Environment	International Journal of Computer Network & Information Security, MECS, Hong Kong (http://www.mecspress.org/) DOI: 10.5815/ijcnis.2012.1	ISSN:2074-9104 Vol:11	0.726	39-46	Oct 2012
10	ACO-ESSVHOA-Ant Colony Optimization based Multi-Criteria Decision Making for Efficient Signal Selection in Mobile Vertical Handoff	International Journal of Advanced Studies in Computer Science and Engineering	ISSN: 2278 7917 Vol:3 Issue:4	0.418	8-15 – 0.418)	April 2014
11	Statistical Analysis to improve Accuracy in Traffic Sensitive Vertical Handoff Reduction Algorithm (TSVHORA)	International Journal of Computer Science and Network Solutions	ISSN: 2345-03397 Vol:2 Issue:3	2.56	108-118 - 0.675)	March 2014
12	Comparative Study of Proactive and Reactive AdHoc Routing Protocols Using Ns2	IEEE Xplore	ISBN: 978-1-4799-2876-7 INSPEC Accession Number: 14220370 DOI: 10.1109/WCCC.T.2.014.40		275-279,	March 2014
13	S-PAC:A Novel Hard Index Based Cluster Validation Technique for Ad Hoc Network”	WSEAS Transaction on Computers	Vol:14, ISSN / E-ISSN: 1109-2750 / 2224-2880	0.34	1-9	2015
14	“An Empirical Study Of Text Analytics in Big Data”,	IEEE Xplore,	Scopus Indexed, Thomson Reuters, Web of Science, ISBN:978- 1-4799-7848-9/15,		456-459	2015

15	Text Mining in Big Data Analytics-Survey”,	International Journal of Applied Engineering Research(IJAER),	Scopus Indexed, Vol:10, Iss:82,	1.8233	388-393	2015
16	A Survey on Task Scheduling Algorithms in Cloud Computing Environment	International Journal of Applied Engineering Research,	Scopus Indexed, ISSN 0973-4562, volume:10, no:82,	1.8233		2015
17	Multi Attribute Completeness Based Algorithm inCloud Environment	IEEE Xplore				Jan 2017
18	A Comparative Study on the Performance and Efficiency of various Deduplication Algorithms in Big Data	IEEE Xplore				Jan 2017
19	A Survey on Routing Protocolfor Vehicular AdHoc Networks	IEEE Xplore				Jan 2017
20	A Survey on Network Attacksand Intrusion Detection Systems	IEEE Xplore				Jan 2017
21	Survey on Big Data Mining Techniques	International Journalof Computer Scienceand Information Security	Vol:15, Iss:1, ISSN:1947-5500	0.519	482-419	Feb 2017
22	An Efficient Inclusive Similarity basedClustering Technologies Algorithm in Big Data	IEEE Xplore				Feb 2017
23	Deduplicates in Big Data: A Technical Survey	International Journal of Computer Science and Engineering	Vol:6, S Iss:02 ISSN:2347-2693	3.022		Mar 2018

24	Geographical Zone Based Cluster Head for Routing in Sparse Vehicular Network	International Journal of Engineering and Technology(UAE)	Vol:7, S Iss:03 ISSN2227- 524X	0.63	1910-1914	Aug 2018
25	Relevance based Feature Selection Algorithm for Efficient Preprocessing of Textual Data using HMM	International Journal of Computer Sciences and Engineering	Vol:7, S Iss:01 ISSN2347- 2693	3.022	15-21	Jan 2019
26	SIME Framework for Preprocessing of Textual Data based on Feature Selection	International Journal of Scientific Research in Computer Science Applications and Management Studies	Vol:8, S Iss:01 ISSN2319- 1953	0.465		Jan2019
27	Movie Review Analysis and Prediction Using Modified Collaborative Filtering and Clustering with Regression	International Journal of Mechanical Engineering and Technology	Vol:10, S Iss:02 ISSN 0976-6340	0.293	489-500	Feb 2019
28	Modified Artificial Fish Swarm Algorithm for Efficient Task Scheduling in Cloud Environment	International Journal of Computer Sciences and Engineering	Vol:07, Iss:05 ISSN2347- 2693	3.022	1363-1371	May 2019
29	IDSFS: A Signature Based Intrusion Detection System with High Pertinent Feature Selection Method	Asian Journal of Computer Science and Technology	Vol:08, Iss:02 ISSN2249- 0701	0.24	25-31	May 2019
30	A Signature Based Intrusion Detection System with HPFSM and Fuzzy Based Classification Method(IDSFSC)	Asian Journal of Engineering and Applied Technology	Vol:08, Iss:02 ISSN2249- 068X	0.24	23-29	May 2019
31	Geographical Zone Clustered Multi objective Glowworm Swarm Optimization for Routing in VANET	International Journal of Computer Sciences and Engineering	Vol:7, S Iss:05 ISSN2347- 2693	3.022	965-975	May 2019
32	Cost and Completion Time based Sufferage Algorithm for Task Scheduling in	International Journal of Research in Electronics and Computer Engineering (IJRECE)	Vol. 7, Iss. 2 ISSN:2348-2281	0.543	2807-2812	June 2019

	Cloud Environment					
33	PE2 - A Service Oriented Meta Task Scheduling Framework in Cloud Environment	International Journal of Innovative Technology and Exploring Engineering(IJITEE)	Vol. 9, Iss.1ISSN: 2278-3075		1261-1267	-
34	Enhanced Feature Specific Collaborative Filtering Model for Aspect–Opinion and Temporal based product Recommendation	International Journal of Scientific and Technology Research	Vol. 8 ISSN No:2277-8616	0.31	1026-1034	Aug 2019
35	Opinion Based Memory access Algorithm using Collaborative Filtering in Recommendation System	International Journal of Innovative Technology and Exploring Engineering	Vol. 8 2278 – 3075		606-612	Oct 2019
36	IDSFS: A Signature based Intrusion Detection System with High Pertinent Feature Selection Method	Asian Journal of Computer Science and Technology(AJCST)	Vol.8, Issue.2 ISSN No: 2249-0701	0.946	25-31	2019
37	A Signature based Intrusion Detection System with HPFSM and Fuzzy Based Classification Method(IDSFSC)	Asian Journal of Engineering and Applied Technology(AJEAT)	Vol. 8,Issue.2 ISSN No: 2249-068X,	1.4491	23-29	2019
38	Optimization of Rules for Intrusion Detection System(ORG-IDS)	International Journal of Recent Technology and Engineering	Vol. 8, Iss. 3, ISSN No: 2277-3878,		1356 – 1361	2019
39	Geographic Multi attribute Monarch Butterfly Optimization Based Traffic Aware Routing in VANET	International Journal of Scientific & Technology	Vol.8, Iss. 09, ISSN 2277-8616	0.12	2051-2059	Sep.2019
40	A Content level Based Deduplication on streaming data Using Poisson Process Filter Technique (PPFT)	International Journal of Recent Technology and Engineering (IJRTE)	Vol.8, Iss. 03, ISSN:2277-3878		4084-4089	Sep 2019

41	Opinion Based Memory Access Algorithms using Collaborative Filtering in Recommendation System	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	ISSN:2278-3075, Vol.8, Issue.12 (Scopus Indexed & UGC CARE A).		606-612	Oct 2019
42	PE2-A Service Oriented Meta Task Scheduling Framework in Cloud Environment	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	(Scopus Indexed & UGC CARE A). ISSN:2278-3075, Vol.9, Issue.01		1261-1267	Nov 2019
43	LATSIN IDS Framework for Network Security	Parishodh Journal	(UGC CARE A Vol.09, Issue.03		1897-1904	March 2020
44	A Stochastic Based Model for Version Control Based System to handle duplication challenge on specific scenario	Advanced Science Letters, E-ISSN:1936-7317	E-ISSN:1936-7317, Vol 26, Number 05 UGC CARE I)	0.18		May 2020
45	Vaguely Node Classification scheme for Wireless Network to design an Intrusion detection System	International Conference on Artificial Intelligence, Smart Grid and Smart City Applications, Springer	Springer		697-707	March 2020
46	A Complete Ontological Survey of Routing Protocols in IoT	Guangdianzi Jiguang/Journal of Optoelectronics Laser	E-ISSN:1005-0086 Scopus with UGC Vol-41, Issue-05	0.34	731-746	March 2022

13. Details of Papers Presented:

S.No	Title of the Conference / Seminar / Workshop	LEVEL International National / Regional / State Level	Title of the Paper Presented	Organisation Name	Date
1	National Conference on Recent trends in Networking Technology	National	"An adaptive Dynamic strategy to Quality of service routing"	Karpagam College of Engineering,	12,13 Dec 2003
2	National Conference on Networking and Multiagent Systems	UGC sponsored National Conference	"Routing in Mobile Adhoc Networks"	Gobi Arts and Science College	25,26 September 2004

3	National Conference on Networking and Multiagent Systems	UGC sponsored National Conference	“ QoS Routing in Mobile Adhoc Networks”	Gobi Arts and Science College	25,26 September 2004
4	International Asia Pacific Conference ObCom-2005 on Parallel and Distributed Computing	International	“Dynamic QoS Routing for Quality Communication”	Vellore Institute of Technology	13,14,15 December 2005
5	“International Conference on Mechatronics” (ICOM '05)	International	“QoS Routing for Network Reliability”	International Islamic University, Hotel Pan Pacific Kuala Lumpur, Malaysia	10,11,12 May 2005
6	“Information and Communication Technology in Management“ (ICTM 2005)	International	Internet and QoS Routing	Multimedia University, Hotel Equatorial Melaka, Malaysia	23,24,25 May 2005
7	“Embedded Systems, Mobile Communications and Computing” ICEMC2 2006	International	Source vs Heuristic QoS Routing”	PES Institute of Technology, Bangalore, India.	4,5 August 2006.
8	Computer Science and Communication Technology (NCST2007)	National	A study on Hand-off Algorithms in wireless networks	St. Joseph's College, Trichy.	16,17 Feb 2007
9	Data Mining, Data Warehousing Networking	International	A study on low energy adaptive clustering hierarchy in static approach of wireless micro sensor networks	Jeyaram College of Engineering	3,4,5 Oct 2007
10	First International Conference of Scott Research Forum (SRF)	International	Analysis of Hand-off Algorithms for Mobile IP Environment	Scott Christian College, Nagercoil	19 April 2008
11	International Conference on Managing Next Generation Software Applications	International	Analysis of Quality of Service Congestion Control Algorithms	Karunya University Coimbatore	5,6 Dec 2008
12	Third International Conference of Basic Science	International	A Queue Management Backward Congestion Control Algorithm (QMBCCA)	University of AL-Jabal Al-Gharbi, Libya	25,26,27 April 2009
13	International Conference on Advanced Computing ICAC09	International	Average Good put and Percentage Loss Analysis for Long Lived TCP Bulk Transfers using QMBCCA	Cauvery College for Women, Trichy	6,7,8 Aug 2009

14	National Conference on Advanced Computing NCAC09	National	Replica Attack Detection in Wireless Sensor Networks	Jamal Mohamed College	01.03.2012
15	National Conference on Advanced Computing NCAC09	National	Active Queue Management Algorithms RED and its variants	Jamal Mohamed College	01.03.2012
16	IEEE- International Conference on Computing Communications and Applications-ICCCA-2012	International	Normalised Throughput and Delay Analysis using QMBCCA in Wireless Networks	PSNA College of Engineering, Dindigul-624622	22-24 Feb.2012
17	IEEE -International Conference on Advances in Engineering Science & Management-ICAESM-2012	International	Fairness and Loss Percentage Analysis using QMBCCA in Wireless Networks	EGS Pillay Engineering College, Nagappattinam	03,31 March 2012
18	ACEEE Springer organized International Conference on Advances in Information Technology and Mobile Communication-AIM2012	International	Extended Queue Management Backward Congestion Control Algorithm	Bangalore	27,28, April 2012
19	Elsevier- International Conference on Modelling Optimization and Computing- ICMOC2012	International	Extend Queue Management Backward Congestion Control Algorithm for Web Transfers	Noorul Islam University of Higher Education, Thuckalay	10-12, April 2012
20	IEEE World Congress on Computing and Communication Technologies WCCCT-2014	International	Comparative Study of Proactive and Reactive AdHoc Routing Protocols using NS2	St Josephs College Tiruchirappalli	27 Feb to Mar 01, 2014
21	2nd World Congress on Computing and Communication Technologies WCCCT-2014	International	An Efficient Inclusive Similarity Based Clustering Algorithm for Big Data	St Josephs College Tiruchirappalli	2 to 4 Jan 2016

14. Details of Seminars / Conferences / Workshops Attended:

S. No	Title of the Conference / Seminar / Workshop	LEVEL International / National / Regional / State Level	Organisation Name	Place	Day(s)	Date(s)
1	Direct Internet Access System Orientation Course	Regional	TINTIA	Hotel Sangam	1	6.Dec. 2000

2	(UGC Sponsored) National Students Convention hosted by CSI Chapter, Trichy	National	CSI Chapter, Trichy	Hotel Femina	3	14,15 &16 Sep.2000
3	Trends in Distributed Computing	National	Jayaram College of Engineering	Jayaram College of Engineering	2	21 ,22 Aug.2002
4	Emerging trends in Computer Networking & Data Communications	State	PSGR Krishnammal College for Women, Coimbatore	PSGR Krishnammal Collegefor Women, Coimbatore	2	19 ,20 Sep.2002
5	Research Trends in Information Technology	State	St.Joseph's College, Trichy.	St.Joseph' s College, Trichy	2	28.Feb200 3& 1.Mar. 2003
6	Recent trends in Networking Technology	National	Karpagam College of Engineering, Coimbatore	Karpagam College of Engineering, Coimbatore	2	12,13 March. 20 03
7	Recent Trends in Networking and Multi- Agent Systems	National	Gobi Arts and Science College, Gobichettipalayam	Gobi Arts and Science College, Gobichettipal ayam	2	25,26 Sep 2004
8	International Asia Pacific Conference ObCom-2005 on Parallel and Distributed Computing	International	Vellore Institute of Technology, Vellore	Vellore Institute of Technology, Vellore	3	13,14,15 Dec 2005
9	“International Conference on Mechatronics” (ICOM '05)	International	International Islamic, University, Kuala Lumpur, Malaysia.	Hotel Pan Pacific, Kuala Lumpur, Malaysia	3	10,11,12 May 2005
10	“Information and Communication Technology in Management “(ICTM 2005)	International	Multimedia University, Melaka, Malaysia	Hotel Equatorial, Melaka Malaysia	3	23,24,25 May 2005
11	“Emerging Trends in Information Technology”	National	Bharathidasan University, Trichy	Academic Staff College, Bharathidasan University, Trichy	2	03,04 Feb 2006

12	“Embedded Systems, Mobile Communications and Computing ICEMC2 2006	International	PES Institute of Technology, Bangalore, India.	PES Institute of Technology, Bangalore, India	2	04,05 Aug 2006
13	“Computer Science and Communication Technology”	National	St. Joseph's College, Trichy.	St. Joseph's College, Trichy.	2	16,17 Feb 2007
14	First International Conference of Scott Research Forum (SRF)	International	Scott Christian College, Nagercoil	Scott Christian College, Nagercoil	1	19, April 2008
15	Workshop on Mobile computing	National	Periyar university, Salem	Periyar university, Salem	1	30, Aug 2008
16	Managing Next Generation Software Applications	International	Karunya University, Coimbatore	Karunya University, Coimbatore	2	5,6 Dec 2009
17	Advanced Computing & Communication Technologies ACCT09	National	Holy Cross College, Trichy	Holy Cross College, Trichy	2	20,21 Feb 2009
18	National Conference on Advanced Computing NCAC09	National	Jamal Mohammed College, Trichy	Jamal Mohammed College, Trichy	2	Mar 2009
19	International Conference on Advanced Computing ICAC09	International	Cauvery College for Women, Trichy	Cauvery College for Women, Trichy	3	Aug 6-8,2009
20	Workshop on Research Methodology	Regional	Jamal Mohammed College, Trichy	Jamal Mohammed College, Trichy	1	22.12.2010
21	Workshop on Research Tools in Computer Science	National	Bishop Heber College	Bishop Heber College	2	28-29, Jan 2011
22	National Conference on Advanced Computing NCAC09	National	Jamal Mohammed College, Trichy	Jamal Mohammed College, Trichy	1	01.03.2012
23	National Conference on Advanced Computing NCAC09	National	Jamal Mohammed College, Trichy	Jamal Mohammed College, Trichy	1	01.03.2012
24	IEEE-International Conference on Computing Communications and Applications-ICCCA-2012	International	PSNA College of Engineering, Dindigul-624622	PSNA College of Engineering, Dindigul-624622	3	22-24 Feb.2012

25	IEEE International Conference on Advances in Engineering Science & Management- ICAESM-2012	International	EGS Pillay Engineering College, Nagappattinam	EGS Pillay Engineering College, Nagappattinam	2	30,31 March 2012
26	International Conference Advances Information Technology Mobile Communication- AIM2012	International	ACEEE-Springer	Bangalore	2	27,28, April 2012
27	Elsevier- International Conference Modelling Optimization Computing- ICMOC2012	International	Noorul Islam University of Higher Education, Thuckalay	Noorul Islam University of Higher Education, Thuckalay	3	10-12, April 2012
28	IEEE World Congress on Computing and Communication Technologies WCCCT-2014	International	St Josephs College Tiruchirappalli	St Josephs College Tiruchirappalli	3	27 Feb to Mar 01, 2014
29	Seminar on Bridge-2014	National	ICTACT	Hotel Sangam	1	27.08.2014
30	Spoken Tutorials ICT based software Training	Regional	IIT & MHRD , Bombay	BUTP Khajamalai	1	30.01.2015
31	Seminar on Data Science and Big data Analytics	Regional	SRM Hotel Trichy	SRM Hotel Trichy	1	20.12.2014
32	International Conference on Advanced Computing	International	Jamal Mohamed College	Jamal College	2	03.12.2015 & 04.12.2015
33	UGC Sponsored Short Term Course on "Curriculum Development and Evaluation Technique"	Regional	Bharathidasan University	Kajamalai Campus Trichy	6	23.11.2015 to 28.11.2015
34	Edu Skill, ICTACT	National	Confederation of Indian Industry, Govt of India	Hotel Sangam, Trichy	1	13.08.2015
35	Consultative Workshop on World Class Curriculum in Computer Science & Engineering	National	Bharathidasan University	Kajamalai Campus Trichy	1	16.02.2016
36	International Workshop On World Class Curriculum Development	International	Bharathidasan University	Khajamalai Campus	1	28.07.2017

37	World Class Curriculum in Computer Science with Research Aspects	International	Bharathidasan University	Khajamalai Campus	1	15.11.2017
38	Cyber Security and Ethical Hacking	Regional Sponsored by DST PURSE	Sponsored by DST PURSE Bharathidasan University	Khajamalai Campus	1	01.03.2018
39	Orientation Workshop on SWAYAM	Regional	UGC HRDC, Bharathidasan University	Khajamalai Campus	1	29.06.2018
40	Outcome Based Education	State	ASFASM	Chamber Towers Coimbatore	2	27.07.2018 & 28.07.2018
41	Capacity Building Workshop on e-content Development	Institutional	Cauvery College For Women	Cauvery College For Women	5	29.10.2018 & 01.11.2018
42	Four Days Training Workshop on Academic Leadership	National	CALEM Aligarh Muslim University and UGC HRDC, Bharathidasan University	UGC HRDC, Khajamalai Campus, Bharathidasan University	4	24.04.2019 To 27.04.2019
43	NPTEL Workshop	South Zone	NPTEL-SWAYAM	IC & SR, IIT, Madras	1	26.07.2019
44	International Colloquium on The Challenges of Higher Education in the 21 "Century"	International	St. Joseph's College	St. Joseph's College	1	27.09.2019
45	International Colloquium on Intercultural Encounters	International	St Josephs College	St Josephs College	2	3.01.2020 & 04.01.2020
46	A Two Day Seminar on NAAC Revised Accreditation Framework under UGC-Paramarsh	National	Cauvery College For Women (Autonomous), Trichy	Cauvery College For Women (Autonomous), Trichy	2	17.02.2020-18.02.2020
47	Two Days Faculty Development Program on "Emerging Trends in Computer Science (Virtual Mode) "	National	GNA University	Phagwara (Punjab)	2	05.06.2021 & 06.06.2021 (Online)
48	NAAC sponsored 2 days workshop on "A structured new strategy of Quality enhancement in Revised Accreditation for all Higher Educational Institutions (HEI's)"	National	Internal Quality Assurance Cell, Er. Perumal Manimegalai College of Engineering	Hossur, Krishnagiri	2	22.09.2021 - 23.09.2021 (Online)

49	Strategy for Personal Finance Management	National	Department of Economics, Chhaygaon College, Chhaygaon in Collaboration with Association of Mutual Funds in India (AMFI)	Kamrup, Assam	1	22.09.2021(Online)
50	Unleash Your Career And Financial Potential through Effective Plans	National	PG & Research Department of Commerce, Marudhar Kesari Jain College for Women,	Vaniyambadi		25.09.2021

15. Details of Study Materials / Books written and published:

Study Material for II MCA Communication Networks, CDE, Bharathidasan University

16. Administration Positions held in the College:

Nature of Position	Year
NAAC reaccreditation SSR- Editor (II Cycle)	2004-2009
NAAC Steering Committee - Coordinator	2009
ICAC09 - Technical Chair	2009
Vice – Principal	2018 to 2021
Member Secretary, Academic Council	2019 Onwards
Member, General Body	2019 Onwards
Member, Non Statutory Committees	2019 Onwards
Dean of Science	2021 Onwards
IQAC Co-Ordinator	2021 Onwards

17. Details of In-Charge / Membership in Committees for Autonomous: -

18. Details of In-Charge / Participation in Extracurricular Activities : (NSS, NCC, Sports, Games, Voluntary Association and Cultural Activities):

S. No	Activity	Post	Year
1	Comphaven Club	Staff-in-charge	1998-1999
2	SNAPSHOT-99	Co-ordinator	Feb 1999
3	Sports	Incharge	2000-2001
4	Certificate Course	Incharge	2000-2002
5	ABACUS CLUB	Staff-in-charge	2004-2005
6	Placement Cell	Incharge	2004-2005

19. Details of Participation in Consultancy, Training, Development etc..:

S.No	Nature of Position	Institution Name	Topic/Competition/Function	Date
1	Resource Person(NSS)	Govt School, Amur	Introduction to Computers	
2	Resource Person(NSS)	Govt School , Moovanur	Introduction to Computers	
3	Judge	Holy Cross College	Software Contest	29.02 2008
4	Judge	Pavendhar Bharathidasan College of Arts & Science	Debugging	13.02.2009
5	Judge	Bishop Heber College-Creation 2K10	Just A Minute	03.09.2010
6	Judge	Bishop Heber College- BootFete 2K10	Multimedia Presentation	01.10.2010
7	Chair person	Christuraj College-Gigs 2K10	Paper Presentation	23.09.2010
8	Resource Person	Changing Phase in IT Recruitment	Inauguration of Association	13.07.2011
9	Chair Person	Bishop Heber College- Creation 2011	Paper presentation	14.09.2011
10	Judge	Bishop Heber College- FestoHit-2011	Quiz	23.09.2011
11	Judge	Bishop Heber College - Creation 2012	Adzap- Marketing Event	28.09.2012
12	Judge	Holy Cross College-Webfest 2012	Code Conversion	29.09.2012
13	Judge	National College- NACOFEST 2012	Just a Minute	12.02.2013
14	Judge	Bishop Heber College- BOOTFETE 2013	Multimedia Presentation	29.09.2013
15	Judge	Jamal Mohammed College,SWAP- 2013	IT Marketing	7,8 Oct 2013

16	Chair Person	National Conference in Advanced Computing NCAC 2015, Jamal Mohamed College	Paper Presentation	05.03.2015
17	Judge	Jamal Mohamed College SWAP 2014	Just a minute-	01.12.2014
18	Judge	Bishop Heber College Creation 2K14	Puzzle	09.09.2014
19	Resource Person	Mobile Communication	Jamal Mohamed College	19.02.2015
20	Chairperson	International Conference on Mathematical Methods and Computation	Jamal Mohamed College	22.01.2015 & 23.01.2015
21	Chairperson	International Conference on Advanced Computing	Jamal Mohamed College	03.02.2015 & 04.12.2015
22	Chairperson	International Conference on Mathematical Methods and Computation	Jamal Mohamed College	11.02.2017
23	Resource Person	Workshop on NAAC Accreditation Process	Cauvery College for Women	05.01.2019
24	Resource Person	Paramarsh	Enathi Rajappa College, Pudukkottai	25.02.2020
25	Resource Person	Orientation Programme on NAAC Accreditation Process	Bharathidasan University Constituent Arts & Science College, Navalur Kuttappattu	6.3.2020
26	Chairperson	Emerging Trends in Computing Science	Bishop Heber College (Autonomous), Trichy (Virtual Mode)	14.12.2020
27	Resource Person	Paramarsh	Valluvar College, Karur	23.01.2021
28	Resource Person	Paramarsh	Govt. Arts College, Ariyalur	04.02.2021

20. Details of Membership in Academic Bodies/ Board of Studies and Reviewer Details:

S. No	Nature of Position	Institution Name	Period
1	Member, Board of Studies of BSc IT	Bharathidasan University	2009-2012
2	Member, Board of Studies of MSc IT	Bharathidasan University	2009-2012
3	Member, Board of Studies of BSc CSc, BCA, BSc IT, BSc Software Development	Bharathidasan University	2009-2012
4	Subject Expert , BoS, BSc CSc	Kumbakonam Govt Arts College for Women	13.03.2012
5	Member, Scientific Advisory Committee of ICOMAC-2014, International Conference on Mathematical Methods and Computations,	PG & Research Dept of Mathematics, Jamal Mohammed College	13 & 14 Feb 2014.
6	Member, Scientific Advisory Committee, Reviewer, Chair Person of ICOMAC-2015, Chair Person, International Conference on Mathematical Methods and Computations,	PG & Research Dept of Mathematics, Jamal Mohammed College	22& 23 Jan.2015
7	Member, Scientific Advisory Committee, Reviewer, Chair Person of International Conference on Advance Computing- ICAC 2015	PG & Research Dept of Computer Science, Jamal Mohammed College	Dec 2015
8	Member, Scientific Advisory Committee, Reviewer, Chair Person of ICOMAC-2016, Chair Person, International Conference on Mathematical Methods and Computations	PG & Research Dept of Computer Science, Jamal Mohammed College	
9	Member, Scientific Advisory Committee, Reviewer, Chair Person of ICOMAC-2017, Chair Person, International Conference on Mathematical Methods and Computations	PG & Research Dept of Computer Science, Jamal Mohammed College	11.12.2017
10	Member, Scientific Advisory Committee, Reviewer, Chair Person of ICOMAC-2018, Chair Person, International Conference on Mathematical Methods and Computations	PG & Research Dept of Computer Science, Jamal Mohammed College	
11	Member BoS, BCA, MCA	Bishop Heber College	2018-2021
12	Member, Scientific Advisory Committee, Reviewer, Chair Person of ICOMAC-2019, Chair Person, International Conference on Mathematical Methods and Computations	PG & Research Dept of Computer Science, Jamal Mohammed College	20,21 Feb 2019
13	Subject Expert for BSc Computer Science Additional Section-I,	Adhavan Arts & Science College, Manapparai	02.07.2019

14	PhD thesis evaluation of “An Electrical Impulse and Denoising based on Optimised Decomposition of Sparsely Constrained Low Rank Quasi Hankel Structured Matrix and Vivavoce Examiner for Ms L Baby Victoria under the guidance of Dr S Sathappan	Erode College of Arts & Science, Erode	15.07.2019, 10.00 a.m.
15	PhD thesis evaluation of “A Frame work for Enhancement of Security and Access Control Measures in Big Data and Vivavoce Examiner for Ms M Menaka under the guidance of Dr Meenakshi Sundaram	Erode College of Arts & Science, Erode	02.03.2020, 10.30 a.m.
16	PhD thesis evaluation of “Ensemble Decision Tree Model using Neuro Fuzzy Logic for Improving Classification Accuracy and Vivavoce Examiner for Ms S Deepa sankari under the guidance of Dr Samundeeswari	Vellalar College for Women (Autonomous), Thindal, Erode	02.03.2020, 02.00 p.m
17	Member of the Selection Commission for the appointment of Assistant Professor in the Department of Computer Science	Nehru Memorial College, Puthanampatti	11.03.2020
18	Member of Advisory Board, Two Day International Conference on Smart Innovative Technologies, The Future of Digital India	Holy Cross College, Tiruchirappalli	17,18, March, 2020
19	Member of Academic Audit, Department of Computer Applications	Sacred Hearts College Tiruppathur	20, March, 2020
20	Member, Board of Studies of BSc CSc, BCA, BSc IT, BSc Software Development	Bharathidasan University	2018-2021
21	Member , Board of Studies of Computer Science	Vellalar College for Women, Erode	2020 to 2023
22	Member for the Inspection Commission for grant of Provisional affiliation	Vinayaga College of Arts and Science for Women, Ariyalur	11.06.2021
23	PhD thesis evaluation of “A Frame work for Enhancement of Security and Access Control Measures in Big Data and Vivavoce Examiner for Ms M Menaka under the guidance of Dr Meenakshi Sundaram	Erode College of Arts & Science, Erode	21.06.2021
24	Review Committee Member for compiling Self Study Report	Saradha Gangadharan College, Pudhucherry	November 2021
25	PhD thesis evaluation of “Performance Impact of Web Usage, Content, Structure Mining on Web Personalization to Optimize User Access and Navigation in Web Pages” Vivavoce Examiner for Mr G Vijayprabhu under the guidance of Dr Meenakshi Sundaram	Erode College of Arts & Science, Erode	17.12.2021

26	Resource person for One Day Workshop on Revised NAAC Accreditation Framework	Saradha Gangadharan College, Pudhucherry	23.09.2021
27	Subject expert for granting permanent affiliation to B.Sc Computer Science	Shri Bharathi Arts & Science College, Pudukkottai	26.11.2021
28	Judge for Intercollegiate Science Exhibition	Bishop Heber College, Trichy	26.02.2022
29	PhD thesis evaluation of “Energy Aware Multipath Cross Layer based Routing Protocols with Data Compression Technique for Critical Data Transmission over Mobile Ad Hoc Network & Viva-voce Examiner for Ms M Sivakumar under the guidance of Dr T Ranganayaki	Erode College of Arts & Science, Erode	21.06.2022
30	Member of Advisory Board, International Seminar on Innovative Technologies and Cyber Security	Holy Cross College, Tiruchirappalli	05.01.2023

21. Details of Membership of Professional Bodies:

S. No	Professional Body
1	IEEE -Institute of Electronics and Electrical Engineering
2	CSI -Computer Society of India
3	ISSE -Indian Society of Systems for Science and Engineering

22. Countries Visited : Malaysia, Singapore, United States of America

23. Any other information if any:

Completed One Week National Level Short Term Course on ICT Tools for Interactive Teaching and Blended Learning with 98% score conducted from 12.07.2021 to 19.07.2021 by Deanery of Academics, Bishop Heber College, Trichy

- Number of webinars attended during Lockdown period :26
- Number of FDP attended during Lockdoen period:16
- Number of Quiz attended during Lockdoen period:3
- Participated in IP Awareness/Training Program under National Intellectual Property Awareness Mission on 19/09/2022

Examinership & Question Paper Setter

S. No	Examiner University /Autonomous Colleges	Question Paper Setter University / Autonomous Colleges
1	Nehru Memorial College, Puthanampatti	Bharathiyar University, Coimbatore
2	Pavendar Bharathidasan College of Arts & Science, Trichy	AVC College, Mayiladuthurai
3	Urumu Dhanalakshmi College, Kattur	Nehru Memorial College, Puthanampatti
4	Holy Cross College, Trichy	Holy Cross College, Trichy
5	Seethalaskhmi Ramasamy College, Trichy	Jamal Mohammed College, Trichy
6	Jamal Mohammed College, Trichy	St.Joseph's College, Trichy
7	St.Joseph's College, Trichy	Sri GVG Visalakshi College for Women, Udumalpet
8	Kongu College of Arts & Science, Karur	Gobi Arts & Science College, Gobichettypalayam
9	Srimad Andavar Arts & Science, Trichy	Sikkim-Manipal University of Health,Medical & Technological Sciences
10	Annai College of Arts & Science Kumbakkonam	Subbalakshmi Lakshmipathy College of Science
11	Samy Arul College, Thanjavur	Yadava College, Madurai
12	JJ College of Arts & Science, Puthukkottai	ADM College for Women, Nagapattinam
13	MIET College of Arts & Science, Trichy	Bishop Heber College
14	Bishop Heber College	PSGK College of Arts and Science
15	Thanthai Hans Rover College, Perambalur	PSG College of Arts & Science
16	Srimathi Indhira Gandhi College, Trichy	Alagappa University