Name	: **Dr.S. SUNDARESWARI**
Designation	: Assistant Professor (Selection Grade)
Department Name	: Computer Science
Date of Birth	: 19.04.1978
Date of Appointment	: 26.12.2007
Office Address	: Department of Computer Science
	Government College for Women(A)
	Kumbakonam-612 001.
	Tel : 0435-2420153.
Email	: profresearch2014@gmail.com
Qualification	: M.Sc., M.Phil., Ph.D
Area of Interest	: Image Processing, Machine Learning, Big Data Analytics
Experience (UG / PG) (Private and Govt)	: 23 Years and 6 Months
Research Guidance	: 8 M.Phil Students (Guided)
No of Research Paper Published In International Journals	: 5

DETAILS OF CONFERENCE /SEMINARS /WORKSHOP ATTENDED

SL. No	Title of the Event	Date	Place	National / International
1	Advanced Computing	08.02.2011	Jamal Mohamad College, Trichy	National Conference
2	E – governance	09.01.2012	Bharathidasan University, Kajamalai Campus, Trichy	State Level Conference
3	Frontier Areas in Symbolic Computing & Cloud Computing	31.01.2014 & 01.02.0214	Department of Computer Science, Government College for Women (A), Kumbakonam	Inter Disciplinary Workshop
4	Heal Your Living – The CORPORitual Way	15.03.2014	Government College for Women (A), Kumbakonam	Workshop
5	Innovations in Computational Intelligence	08.03.2014	RDB College of Arts & Science, Papanasam, Thanjavur	National Conference
6	Image Processing and Research Methodology using MATLAB.	06.08.2014 & 07.08.2014	Adaikalamatha College,Vallam, Thanjavur.	International workshop

7	Image Processing Research with Matlab	31.07.2015 & 01.08.2015	Computer Society of India, Trichy.	International Workshop
8	Research Issues in Digital Image Processing	21.08.2015 & 22.08.2015	Sri Krishna College of Engineering and Technology, Coimbatore.	National Workshop
9	Advanced Computing ICAC-2015	03.12.2015 & 04.12.2015	Jamal Mohamed College, Tiruchirappalli	International Conference
10	Writing Effective Research Papers for SCI Journals and Preparing Project Proposals.	08.01.2016	EEE Department, Kongu Engineering College, Erode.	National Seminar
11	Computer Vision and Image Processing Techniques	18.03.2016 & 19.03.2016	Amrita vishwa vidyapeetham university,Coimbatore	National Workshop
12	Image Restoration Techniques with MATLAB	02.09.2016 & 03.09.2016	Jamal Mohamed College, Tiruchirappalli	International Conference
13	Advanced Computing	25.03.2016 & 26.03.2016	SASTRA University,Srinivasa Ramanujan centre.	National Conference
14	Advanced Computing(NCAC-17)	24.02.2017	SASTRA University	National Conference
15	Emerging Trends in Computing (NEETC- 17)	13.03.2017 & 14.03.2017	Alagappa University,Karaikudi	National Conference
16	Mini winter school on "PYTHON"	14.02.2017 to 16.02.2017	Dept of Physics,Maths,Computer Science, Government college for women(A),Kumbakonam	National
17	Soft Skill and Industry Awareness	23.01.2018 & 24.01.2018	Periyar Maniammai Institute of Science and Technology,Thanjvur. (TANSCHE & ICT ACADEMY OF TAMIL NADU)	State level
18	Computational Biology and its Application	08.02.2018 & 09.02.2018	Dept of Zoology, Government college for women(A),Kumbakonam	National Workshop
19	Computing and Communication Technologies	20.02.2018	Jamal Mohamed College, Tiruchirappalli	National Conference
20	Training Programme on Data Analytics Consultants	26.02.2018 & 27.02.2018	Alagappa University,Karaikudi	National Conference
21	Computer Vision, Networks and Informatics	22.03.2018 & 23.03.2018	The Gandhigram Rural Institute(Deemed to be university) Gandhigram	International Conference
22	Quality Higher Education for All : Challenges and Achievements	05.01.2019 &	TamilNadu Governement Collegiate Teachers	19th State Conference

		06.01.2019	Association,Bharathiar University,Coimbatore.	
23	Emerging Inventive Technologies in Computer Science	15.02.2019	Department of computer Science, Idhaya College For Women(A) Kumbakonam	International Conference
24	Epigraphic Training	22.03.2019	Govt.College for Women(A),Kumbakonam .	National Workshop
25	Preparation of Student Project Proposal for State and Central Government Funding Agencies	16.08.2019	Govt.College for Women(A),Kumbakonam .	National Workshop
26	Innovative Intelligent Computing and Applications	28.08.2019	Idaya College for Women,Kumbakonam	International Conference
27	Role of VR & AR in Industry 4.0	15.5.2020 & 16.5.2020	Alagappa University, Department of Computer Science,Karaikudi	National Webinar
28	Applied Research in Multidisciplinary Studies	18.05.2020	Sona College of Technology, Salem	National Webinar
29	Yoga at home:Yoga with family in Covid 19 pandemic situation	21.6.2020	Dept of Physical Education Govt college for women(A),Kumbakonam	State level Webinar
30	Research Experience on Digital Tools	29.6.2020	Sarah Tucker College,Tirunelveli-7	National Webinar
31	Python Programming	03.06.2020	Jamal Mohamad College,Trichy	National Webinar
32	E-content Development	09.06.2020	Periyar Govt.Arts College,Cuddalore (IQAC and Dept.of Computer Science)	National Webinar
33	Recent Research Trends In Deep Learning Google Colab(Python)	12.6.2020	Department of CS, Government college for women(A),Kumbakonam	International Webinar
34	Basics of Virtual Pedagogy	18.06.2020	Department of CS, Government college for women(A),Kumbakonam	Online Workshop
35	Effective Online Teaching	4.08.2020	Presidency College, Chennai	Online National Workshop
36	PFMS-TSA Public Financial Management System with Special Reference to TSA	23.09.2021 & 24.09.2021	A.D.M College for Women(A),Nagapattinam	State Level Workshop
37	Intelligent Computing in Humanity, Agriculture, Science and Technology	26.05.2022 & 27.05.2022	PG & Research Department of CS,M.V.Muthiah	Virtual Conference

			Govt.Arts College for Women,Dindigul	
38	How to Establish Yourself in IT Industry	17.02.2023	Department of CS, Alagappa University,Karaikudi	International Webinar
39	Artificial Intelligence and Robotics	23.09.2023	Women's Christian College,Chennai	Online International Workshop

PAPER PRESENTED DETAILS:
> Paper presented in International Conference on 03.12.2015 and 04.12.2015 conducted by Jamal Mohammed College, Trichy.

DETAILS OF BOOK/ PAPER PUBLISHED

Year	Title	Journal	Vol,Page No
2015	A review on Recognition and Classification of Ancient Scripts in Stone inscriptions using Image Segmentation Techniques	International Journal of Applied Engineering Research(IJAER)	Vol 10,Number 82,2015,ISSN 0973-4562
2018-2019	"A Comparative study of Image Filtering Techniques for stone Inscriptions"	International Journal of pure and Applied Mathematics (IJPAM)	Vol 118,No 8,2018,673-679. ISSN-1314-3395
2019-2020	"An Efficient Feature Extraction Approach for Extracting the Ancient Tamil Scripts from Stone Inscription Images"	JASC - Journal of Applied Science and Computations	[Vol. 6,Issue : 5, ISSN No. 1076-5131, May-2019]
	"An Extraction of Ancient Tamil Scripts from Epigraphy Images using Cabor Filter, Active contour and Lomo	International Journal of Scientific Technology research (Indexed by SCOPUS)	Vol. 8 Issue : 09, ISSN No. September – 2019
	"A proposed Methodology for the Recognition and Classification of the Ancient Scripts from Epigraphy Images using Histogram of BRISK Orientation Sign Code"	Journal of Advanced Research in Dynamical &Control Systems(Indexed by SCOPUS)	Vol.12,No.5,2020 DOI:10.5373/JARDCS/V1215/20201692 ISSN 1943-023X

FDP / ORIENTATION / REFRESHER COURSES ATTENDED:
FACULTY DEVELOPMENT PROGRAMME

- "Free Open Source Software" (FOSS), A.V.C College of Engineering, Mayiladuthurai. (21.02.2008).

- "Soft Skills " conducted by NASSCOM at Cauvery College for Women(A), Trichy From 15.09.2008 to 18.09.2008.

- FDP on "Prospects of Outcome Based Curriculum" conducted by IQAC, Government college for Women(A),Kumbakonam on 31.07.2019.

- Webinar on "Learning Management System : MOODLE" conducted by Dept. of Information Technology, Hindustan College of Arts & Science , Coimbatore, on 04.06.2020.

- Online FDP on "Introduction to Big data Analytics" conducted by ICT Academy from 26.4.21 to 30.4.21.

- FDP on "Pedagogy and Research Methods" conducted by AMET UNVERSITY, HRDC & IQAC from 24.5.2021 to 06.06.2021.

- Webinar on "E-Content Development (Tools, Tips and Techniques)" conducted by IQAC & Dept of CS Government college for Women(A),Kumbakonam on 2.7.2021.

- Online FDP on ICT Tools for Faculty" conducted by ICT Academy from 12.7.2021 to 16.7.2021.

- Online FDP on "Artificial Intelligence in Teaching and Learning" conducted by AICTE Training and Learning (ATAL) Academy with Central University of Tamil Nadu, Thiruvarur from 22.11.2021 to 26.11.2021.

- FDP on "NAAC-SSR PREPARATION in a Nutshell" conducted by IQAC at Govt.College for Women(A),Kumbakonam on 04.11.2022.

- FDP on "Research Motivation" conducted by IQAC at Govt.College for Women(A),Kumbakonam on 03.04.2023.

- FDP -Emerging Technology for Work place at Bharathidasan University,Tiruchirapalli-IBM (Naan Mudhalvan – A Massive Upskilling Programme) conducted by Tamil Nadu Government (TNSDC) from 06.02.2023 to 09.02.2023.

REFRESHER COURSE / ORIENTATION ATTENDED DETAILS

- Participated ORIENTATION (INTENSIVE TRAINING) Programme in M.O.P Vaishnav College for Women (A), Chennai conducted by University Grants Commission - Academic Staff College, University of Madras from 26.12.07 to 24.01.08.
- Participated Refresher Course in MADURAI KAMARAJ UNIVERSITY-ACADEMIC STAFF COLLEGE, Title "Advanced Computing" from 20.02.2009 to 12.03.09.
- Participated Refresher Course in BHARATHIDASAN UNIVERSITY - ACADEMIC STAFF COLLEGE from 28.02.2015 to 20.03.2015.
- Participated Refresher Course in Computer Application "BHARATHIYAR UNIVERSITY" from 17.11.2017 to 07.12.2017.

DETAILS OF WORKSHOP ORGANIZED :

Sl. No	Name of the Event	Title	Duration	Role	Resource Person	Place
1.	**Three days Workshop**	"Hands on Training in Interactive Devices (Smart Class Room)"	13.09.2013 16.12.2013 & 17.12.2013	**Organizing Secretary**	S.K. Kanagaraj, Educorp Technologies, Chennai	Government College for Women (A), Kumbakonam
2.	**Three Days Workshop**	" Mini winter School on Ultra cold atoms" UCAT-2014	22.12.2014, 23.012.2014 & 24.12.2014	**Organizing Secretary**	1.Prof.M.Lakshmanan BDU, Trichy. 2. Prof. K.Porsezian, Pondicherry University, Pondicherry 3.Dr.P.Muruganandam BDU, Trichy. 4. Dr. M.Senthilvelan, BDU, Trichy, 5. Dr. Vivek M.Vyas, Institute of Mathematical Sciences, Chennai.	Government College for Women (A), Kumbakonam
3.	**One-day Workshop**	" PC Hardware Networking and Troubleshooting"	21.02.2015	**Organizing Secretary**	1.Prof.K.SyedKousar, JMC, Trichy 2. Mr. N.Mohamed Bayas, JMC, Trichy, 3. Mr.S.SyedMusthafa JMC, Trichy	Government College for Women (A), Kumbakonam
4.	**Two-days Workshop**	" PC Hardware	30.01.2018 &	**Organizing Secretary**	1.Prof.K.SyedKousar, JMC, Trichy	Government College for

		Networking and Troubleshooting"	31.01.2018		2. Mr. N.Mohamed Bayas, JMC, Trichy, 3. Mr.S.SyedMusthafa JMC, Trichy	Women (A), Kumbakonam
5.	Two – days National Seminar	" Emerging Trends in Computer Science"	13.07.2019 & 14.07.19	**Organizing Secretary**	1. Dr.S.Santhoshkumar, Alagappa University, Karaikkudi. 2. A.ThasilMohamed Application Architect IBM Global Services, Bengaluru,Karnataka. 3.Dr. R. Siva Shankar Asst.Professor of CA, Andhra Pradesh. 4. Dr. S. Gavaskar, Asst. Prof of CA, Bharathiar University	Government College for Women (A), Kumbakonam
6	International Webinar	Recent Research Trends In Deep Learning Google Colab(Python)	12.6.2020	**Organizing Secretary**	Dr. R. Siva Shankar Lecturer ,International College of Digital Innovation,Chiang Mai University,Thailand	Government College for Women (A), Kumbakonam
7	Faculty Development Programme (ONLINE)	E-Content Development (Tools, Tips and Techniques)	2.7.2021	**Organizing Secretary**	Mr.B.Anand, Network Engineer, BDU, Trichy	IQAC & Dept of CS, Government College for Women (A), Kumbakonam
8	Interdisciplinary Workshop (CS & Physics)	Corporate Connect through Python (CCTP-23)	10.01.2023	**Organizing Secretary**	1.Dr.B.Tamil Arasan ML Research Engineer 2.Naveen Prashanth ML Research Engineer 3.Selvakumar Murugan ML Research Engineer Saama- AI Lab,Chennai	Government College for Women (A), Kumbakonam

HONOURS AND AWARDS

- ❖ UG – Board Member in Department of Computer Science,
  Rajah Serfoji Govt.Arts College(A),Thanjavur. From 2011 to 2013.
- ❖ Certificate of Appreciation Received by ICT ACADEMY,Chennai for implementation of the Skill Saathi,Nationwide Career Counseling Program initiated by NSDC,Skill India & ICT Academy on 26.02.2019 for 977 students .

❖ "Peraasiriya Maamani Award" received by Tamil Nadu Kalai Ilakkiya Kalazham , Kottaram on   25.08.2019.

Membership in Academic /
Professional bodies   : Academic Council Member at GCWK

COMMITTEE RESPONSIBILITIES

(@ GOVERNMENT COLLEGE FOR WOMEN (A), KUMBAKONAM)

➢ AISHE – Nodal Officer (2013 To Till Date)

➢ Admission Committee (2008-2009)

➢ University Magazine Representative (2009-2012)

➢ SET/NET In-charge (2010-2012)

➢ IQAC Student Chapter Coordinator (2011-2013)

➢ IQAC Executive Member (2013-2014)

➢ Coordinator in Day Care Centre (2013-2015)

➢ Soft Skill Coordinator (2017-2018)

➢ Website In charge (2010-till date)

➢ NPTEL In charge (2018-2019)

➢ RUSA Monitoring Committee (2016 to Till Date))

➢ Executive Committee Member and PPT In charge for Autonomous Review Committee (2021-2022)

➢ IBM- Naan Mudalvan Course Co-Ordinator for CS department (2023)

➢ TNGASA Nodal Officer (2023)

Other (relevant to Academic activity) :

INVITED TALKS

➢ Delivered a Special Lecture on "Virtual Reality and its Applications" at Idhaya College for women, Kumbakonam on 08.09.2011.

➢ Delivered a Special Lecture on "Recent Trends in IT" in Annai College of Arts and Science, Kovilachery, Kumbakonam on 16.07.2013.

➢ Delivered a Special Lecture on "Recent Trends in IT" in the Department of Information Technology, Idhaya College for women(A), Kumbakonam on 19.12.2017 in Kumbakonam.

➢ Delivered a Special lecture on "Cyber Crime and Security" in the Department of Computer Science, Idhaya College for women (A), Kumbakonam on 03.07.2017.

- Delivered a Special lecture on "Emerging Inventive Technologies in Computer Science", Idhaya College for Women(A), Kumbakonam on 15.02.2019.

- Delivered a Special lecture on "Cyber Crime" in Freshers Orientation Programme on 13.08.2019 and 14.08.2019 at Government College for Women(A), Kumbakonam.

- Delivered a Special lecture on "Virtual Classroom Made Easy" in Faculty Development Programme (ONLINE) on 9.8.2020 at IQAC & Dept of CS, Government College for Women (A), Kumbakonam.

- Delivered a Special Lecture on "Awareness on Cyber Security" in the Women Cell, Government College for Women (A), Kumbakonam on 09.02.2021.

- Delivered a Special Lecture on "Ways to Explore for Computer Science Graduates" in Department of Computer Applications at Idaya College for Women(A),Kumbakonam.

- Delivered a Special Lecture on "Recent Trends in Computer Science" in PG & Research Department of Computer Science at MASS College of Arts and Science, Kumbakonam on 22.12.2021.