Ms.S.S.SHANTHI M.C.A., M.Phil.,
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Academic Qualification

Degree	Year	College / University	Percentage
M.Phil. (Computer Science)	2007 – 2008	Periyar University	**76.25**
M.C.A.	1998 - 2001	Nehru Memorial College, Puthanampatti, Trichy / Bharathidasan University	**76**
B.Sc. (Computer Science)	1993 -1996	Sri Sarada College for Women, Salem / Madras University	**76**

Technical Expertise

Operating Systems : MS-DOS, Windows 95/98/2000/XP, UNIX, Linux.
Languages : C, C++, VB, VC++, JAVA, .NET Framework.
Web Development Tools : HTML,VB Script,DHTML,XML,ASP,JAVA Script.
RDBMS : Oracle 7.0, MS-Access.
Packages : MS-Office.
Multimedia Softwares : Adobe Photoshop 6.0, Macromedia Director 8.0, Adobe Premiere 6.0, Freehand 8, Authorware 5.
Other Tools : S/W Testing.

Professional Experience

1. **College Name** : A.V.S.College of Arts and Science, Salem.
   Period : June 2001 – March 2003
   Designation : Lecturer in Computer Science
   Courses Handled : Both UG and PG Computer Science, MBA

2. **College Name** : Sengunthar Arts and Science College,Tiruchengode.
   Period : June 2003 – April 2009
   Designation : Lecturer in MCA Department
   Courses Handled : MCA,PG Computer Science, MBA

3. **College Name** : Vidyasagar College of Arts and Science , Udumalpet.
   Period : June 2009 – Nov' 2009
   Designation :Lecturer in MCA Department
   Courses Handled : MCA

4. **College Name** : N.G.M. College (Autonomous),Pollachi.
   Period : June 2015– till date
   Designation : Asst.Prof. in PG.Computer Science
   & IQAC Admin from 04.03.2023 – till date
   - Uploaded data for AISHE - 2022,
   NIRF'2024, NIRF'2025, AQAR – 2021-2022, 2022-2023 & 2023-2024, NAAC – Cycle - IV : IIQA , SSR & DVV – Accredited with A^{++} by NAAC & Autonomy data from 2018-2023 and granted Autonomy for 10 years.
   Courses Handled : B.Sc.Computer Science ,M.Sc. Computer Science

Project Details

1. **Project title** : UPANAYAN
   Organisation : Madhuram Narayanan Centre for Exceptional children
   (A social service organization for Exceptional children).
   Project Duration : 6 months
   Language used : Visual Basic 6.0(Front End)/MS Access (Back End)
   Guided By : Mr.M.Narayanan, HCL Technologies Ltd ,49/50,
   Nelson Manickam road, Chennai-600029.

Project Description

UPANAYAN means guiding the child along the path of progress i.e. giving developmental experiences to grow ,socialize and communicate. The programme identifies the slow growth of mental ability in a child and offers early intervention .In UPANAYAN there are three phases for child development. Phase –I deals with children in the age group of 0-2 years. Phase-II is for children between 2-4 years and Phase-III is for children up to 6 years.

The project deals with the evaluation of the child's performance over aperiod of 2 years. There are various performance factors like sociability, intelligence, physical movements etc. The project is a guide for effective assessment, training and evaluation in the five developmental areas such as Motor, Self-help, Language, Cognition and Socialization.

2. Project title : X-Ray and Lab section maintenance
Organisation : Salem Steel Plant, Salem-636013,Tamilnadu, India.
Project Duration : 6 months
Language used : Visual Basic 6.0(Front End)/MS Access(Back End)
Guided By : Mr.T.Periannan, EDP Department, Salem Steel Plant,Salem.

Project Description

X-Ray and Lab section maintenance deals with the details and particulars of a patient and listing them in their respective departments. This project was developed in VB 6.0 since VB is a user-friendly language. It makes use of graphical user interface for creating robust and powerful applications. The raw data were collected from Salem Steel Plant main hospital. This project mainly deals with two departments i.e. X-ray and Lab section .In the X-ray department all the details and particulars of a patient was listed and all the X-rayed portions of a human body was displayed along with his/her descriptions. In the lab section department there are four sections, which includes Blood Bank, Biochemistry, Clinical Patheology and Microbiology. In each section the details about a patient along with his/her clinical reports. investigation details, lab reports etc was listed. Along with these the total amount that is to charged was also noted.

3. Project title : Family Welfare Operations
Organisation : Salem Steel Plant,Salem-636013,Tamilnadu,India.
Project Duration : 6 months
Language used : dBase III Plus
Guided By : Mr.T.Periannan,EDP Department,Salem Steel Plant,Salem.

Project Description

To control the population growth the government has undertaken certain family planning measures. Increasing the standard of living is one of the objectives of family welfare programmes. Educating people and encouraging the undergo family planning operations and distributing contraceptives freely are some of the measures taken by the government. Family planning operations such as Copper-T, Tubectomy, Vasectomy and Laproscopic are being done. People who have more than one child should make use of these camps. One of the remedial measures to control population growth is to raise the minimum age limit of marriage or the government should make a legislation so that after two children family planning operation must be done to either of the couple.

Conferences / Seminars / Workshops / Faculty Development Programmes (FDP) / Publication Details :

- Served as a Resource Person in conducting the "YOUNG STUDENT SCIENTIST PROGRAMME (YSSP)" during the month of May in 2003, 2004 and 2005 at Sengunthar Arts and Science College, Tiruchengode.
- Presented a paper on "Intrusion Detection and Prevention methodology for Secure rooting in MANETS" conducted at Kongu Engineering College on 06.02.2016.
- Presented a paper on "Overview of research and Privacy Issues in Big Data" conducted at VLB Janakiammal College of Arts and Science, Coimbatore on 23.02.2017.
- Attended a one day National Conference on "Green Computing" on 22.09.2017 at N.G.M. College.
- Attended a one day National Conference on "Emerging trends on .NET Technologies" on 10.10.2008 at Sengunthar Arts and Science College, Tiruchengode.
- Attended a one day workshop on "ANDROID" conducted on 17.12.2015 at N.G.M. College.
- Attended a one day workshop on "Mammogram Image processing and Analysis" conducted on 26.11.2006 at Department of Computer Science, Periyar University.
- Attended a one day faculty Development Programme "National Level Faculty Development programme on Quality Enhancement in Higher Education" organized by IQAC conducted on 26.09.2015 at Sree Ramu College of Arts and Science.
- Attended a National Seminar on "Empowering the Youth to Enrich Mankind" on 29.01.2016 at N.G.M. College.
- Attended a Seminar on "National Colloquium on Contemporary Trends in Big Data Analytics" on 24.08.2017 at N.G.M. College.
- Attended 5th International Conference on Computer Applications and Information Technology (CAIT 2019) & Presented and published a paper on "Advancement Of Cloud Computing In Healthcare Sector" in International Journal of Advance and Innovative Research (IJAIR) with impact factor 7.36,Volume 6, Issue 1 (VII): January - March, 2019 with ISSN 2394 – 7780 Organized by PG and Research Department of Computer Applications, Hindusthan College of Arts and Science, Coimbatore on January 24, 2019.
- Participated in the International webinar on "Lead with Emotional Intelligence during COVID – 19 organized by Department of Computer Science(SF), NGM College on 09.05.2020.
- Participated 1 day National Level webinar on "Artificial Intelligence and machine Learning" organised by Department of Computer Science (SF), NGM College on 03.05.2021.
- Attended 6 days online Short Term Training Programme on "Research Challenges and Applications of Internet of Things (IoT) in Smart Agriculture" organized by Department of Electronics & Communication Engineering, Kongunadu College of Engineering and Technology, Trichy from 02.11.2020 to 07.11.2020.

- Participated in the National Level Webinar on “Steps To Entrepreneurship “organized by Department of Computer Science (SF) , Nallamuthu Gounder Mahalingam College, Pollachi on 25.07.2020.
- Participated in the webinar titled “Experiences on Faculty Innovation and Entrepreneurship” organized by EDII-Anna Business Incubation Research Foundation, (Section 8 Company), University College of Engineering, BIT Campus, Anna University, Tiruchirappalli on 25.05.2021.
- Participated in the Webinar on COVID - 19 Pre & Post Pandemic Life Saving Awareness Programme, held 04.06.2021 organized by YOUTH RED CROSS, Rajah Serfoji Government College (Autonomous), Thanjavur - 613 005.
- Participated in the Webinar Session ‘AI and Machine Learning’ held on 23.07.2021, organized by Department of Computer Science, Angappa College of Arts and Science, Coimbatore.
- Participated in 2 days International level online workshop on “Internet of Robotic Things(IoRT)” organized by Department of Computer Science(SF), NGM College from 31.06.2021 to 02.08.2021.
- Attended a 7 days International level online Faculty Development Programme on “Research Perspectives on New Age Technologies organized by Department of Computer Science (SF), NGM College from 03.08.2021 to 10.08.2021.
- Participated in the online webinar on “Intellectual Property Rights”, jointly organized by the Department of Mathematics and IQAC on 13.10.2021.
- Presented a paper in 1 day International Conference on “Emerging trends in Science and Technology (ETIST-2021)” on 27.10.2021 organised by Department of Biological Science, Physical Science & Computational Science, NGM College..
- Participated 1 day seminar on “Awareness of Cyber Attacks and Cyber Security” on 28.03.2022 organised by the Department of Computer Science and Engineering in association with Computer Society of India K.Ramakrishnan College of Engineering (Autonomous), Trichy.
- Published a paper titled “ Soil Test Based Smart Agriculture Management System “ in IJCRT (www.ijcrt.org) & 7.97 Impact Factor by Google Scholar ,Volume 10 Issue 6 June 2022 , Date of Publication: 01-June-2022 ,UGC Approved Journal No: 49023 (18).
- Presented a paper in NAAC Sponsored National Level Virtual Seminar on “Innovation Strategies and Practices in Teaching, Learning and Evaluation Process for Arts and Science Colleges towards NEP 2022 titled “ National Education Policy(NEP) 2020 in Higher Education an Insight” on November 3rd & 4th , 2022 organised IQAC,NGM College.
- Participated in Five Days Faculty Development Programme on “Impact of Artificial Intelligence” held from 07.11.2022 to 11.11.2022 organized by Department of Computer Science, Dr. SNS Rajalakshmi College of Arts and Science in association with Novietech R & D Pvt Ltd., Coimbatore.
- Participated in 5 days National level Virtual FDP on “Data Analytics and Visualization using Tableau “organized by the Department of Information Technology, Sri G.V.G Visalakshi College for women , Udumalpet from 14.11.2022 – 18.11.2022..

- Participated in 2 days online International Faculty Development Programme on “An Overview on Indian Knowledge System and Intellectual Property Rights” organized by IQAC , Sri Sarada College for women, on 19.12.2022 & 20.12.2022.
- Participated 7 days FDP on “ Quality Education for Nation Building” organised by IQAC of SIIMS , Pollachi from 31.07.2023 to 08.08.2023.
- Published a paper titled “ Internet of Things(IoT) in Household Items” in Journal of the Maharaja Sayajirao University of Baroda, Volume No. 57 No.1(II) 2023 , ISSN : 0025-0422,UGC Care Group I Journal.
- Presented a paper in ICSSR Sponsored National Seminar on “Envisioning A Self-Reliant Rural India For Sustainable Economic Development” titled “Digital Literacy and Skills Training for Sustainable Development” on 12th AND 13th October 2023.
- Presented a paper in ICSSR Sponsored National Seminar on “Perspective of ICT Tools in Education” titled “Perspective of ICT Tools in Education: ICT Tools for Modern Education” on 15.10.2023.
- Published a paper titled “Agriculture and Farming Business” in Juni Khyat ISSN : 2278-4632 Vol.14,Issue 03, Month March Year 2024 Impact factor : 6.625 Peer reviewed UGC Care Journal.
- Published a paper titled “Digital Gram Panchayat: Empowering Rural Communities with Digital Governance Solutions” in Juni Khyat ISSN : 2278-4632 Vol.14,Issue 03, Month March Year 2024 Impact factor : 6.625 Peer reviewed UGC Care Journal.
- Published a paper titled “Health Care Chatbot using AI” in Juni Khyat ISSN : 2278-4632 Vol.14,Issue 03, Month March Year 2024 Impact factor : 6.625 Peer reviewed UGC Care Journal.

Personal Details

Husband’s Name	:	Mr.A.Sivakumar
Nationality	:	Indian
Date of Birth	:	07-01-1976
Permanent Address	:	No.1,Venkatachalapuram layout, Udumelpet Road,Pollachi-1.

Declaration

I hereby declare that the above information is true to the best of my knowledge.

Place : Pollachi

(S.S.SHANTHI)