Name: S.S.SARMILA

Designation: Assistant Professor

Department: Bachelor of Computer Application

Date of Joining: 07.07.2021

Email: jan29sarmi@gmail.com

Educational Qualification:

Degree	Subject	College / University& Place	Year Completed
B.Com	Commerce	Madurai Kamaraj University	1994
M.C.A	Computer Applications	Madurai Kamaraj University	2003
M.E	Computer Science & Engineering	Anna University	2012

Specialisation in Teaching:

- ➢ Software Project Management
- ➢ Software Engineering
- ➢ Object Oriented Analysis and Design
- ➢ Programming in C
- ➢ Python Programming

Research Interests:

- ➢ Image Processing
- ➢ Internet Of Things

Work Experience:

Designation	Institution / Company	Year - From (month/year) To (month/year)
Lecturer	Ambiga college of arts and science for women	July 2006 –August 2007
Lecturer	K.L.N College of Engineering, Madurai	September 2007- October 2010
Assistant Professor-1	K.L.N College of Engineering, Madurai	November 2010 – Jan 2012
Assistant Professor-2	K.L.N College of Engineering, Madurai	Feb 2013- June 2021
Assistant Professor	The American College	July 2021- till now

Administrative /Academic Position/s (held/currently holding):

Positions held / currently holding	Year - From (month/year) To month/year)
Academic Advisor	Feb 2022 – Till Date
Project co-ordinator	Feb 2022-Till Date

Membership in Professional Bodies:
 Nil

Publications:

Articles Published in International Journals:

➢ Published International Conference on Engineering Humanities and science(ICEHS-2017) on – May 2017 published in Journal SSRG International Journal of Computer Science and Engineering (ICEHS) - Special Issue ISSN NO:2348 – 8387

➢ International Journal of Advanced Computer Applications Volume VI, Issue II March 2017,ISSN -2231-251X

➢ National Conference on Innovations in Communication and Computing organized by SNS College of Technology

Conference/Seminar Presentations:

➢ The Paper Presented Eight international conference on advances in information technology and networking-ICTATN'21 held on November 10th 2021.

➢ The paper Presented International Conference on Engineering Humanities and Science(ICEHS-2017) on – May 2017 published in Journal SSRG International

Journal of Computer Science and Engineering (ICEHS) - Special Issue ISSN NO:2348 – 8387.

➢ The Paper presented in International Conference on Emerging Trends in Engineering, Science and Sustainable Technology(ICETSST-2018)on 5th April 2018.

➢ The paper Presented in International Conference on Computing Methodologies and Communication-ICCMC 2018 At Erode, Tamil Nadu, India.

➢ The paper is presented in International Conference on Computing, Communication & Information Technology Organized by Jaya Engineering College, Chennai. Date: June27th to 29th.

➢ Department of Computer Applications in association with CSI & ISTE – APEC Student Chapter Organize Second National Conference on Recent Advances in Computer Technologies (NCRACT-11) 5th May, 2011.Adhiparasakthi Engineering College Melmaruvathur – 603 319.

Lectures /Talks given:

➢ Acted as a "Project Panel Judge" in KIIT-Odisha PIC-2019.

➢ Delivered an invited lecture on "Image processing and its Applications" for UG students at Government college of Arts and Science for women, Nilakottai, Madurai on 15th November 2011.

➢ Delivered an invited lecture on "Introduction to Matlab" for UG students at Ambiga college of Arts and Science for women, Madurai.

➢ Delivered an invited lecture on "Medical Imaging Informatics" for students and various engineering staffs at KLNCE, Sponsored by ICMR Funded seminar Madurai.

➢ Organized for International Women's Day celebration on 6th March 2020.

➢ Organized webinar on the topic "Emotional Intelligence" for the various college faculties on the date 8th June 2020.

➢ Organized webinar on the topic "Stress Management skills" for the various college faculties on the date 5th June 2020.

Certification Obtained:

Online webinar

- Obtained Certification" Research Avenues In Machine Learning Approaches For Pattern Recognition" Organized by Dept Of ECE MGIT, Hyderabad on 2nd to 11th 2020.

- Obtained Certification" Prevention And Protection From Covid – 19 Organized By K.L.N College Of Engineering on 26th May 2020.

- Obtained Certification "Accelerating Experiential Learning In Engineering" Organized By ICT Academy on 13th April 2020.

- Obtained Certification" Declarative Development for Platform App Builders" Organized by CSE Department sponsored from ICTACT on 25th to 29th 2019.

- Obtained certification on "Dissemination of innovative technology in Horticulture and Gardening to promote Women Agripreneurs in and around Sivagangai District," Catalyzed and Financially Supported by Tamil Nadu State Council for Science and Technology (TNSCST) , Department of Higher Education, Government of Tamilnadu on 24th to 26th July 2019.

- Obtained women's economic empowerment by national commission for women (NCW) on 21st & 22 March 2019.

- Obtained Certification" Effective Use of ICT Tools in Engineering Education" organized by quality circle and quality education 9th &10th 2018.

- Obtained Certification" Computer vision and Digital Image Processing for Dental Applications on 18th to 22nd August 2017.

- Obtained Certification" Train The Trainer on UI Technologies" conducted by Infosys Limited at K.S.R.College of Engineering,Tiruchengode on 29th to 31st March 2017.

- Obtained Certification" Internet of Things(IOT) Organized by K.L.N.College of Information Technology ,ECE Dept,Pottapalayam on 16th &17th feb 2017.

- Obtained Certification" Realization of Internet Of Things using Raspberry using Pi" Organized by the Dept. of EEE, NIT,Tiruchirappali association with "Pantech ProEd private Limited. 9^{h} &10th December 2016.

- Obtained Certification" Trends in Geospatial Analysis,Querying and its Tools" NRDMS-DST Sponsored Three Days training Programme on "Trends in Geospatial

Analysis,Querying and its Tools" organized by Department of Information Technology from 14th to 16th November 2016.

➢ Obtained Certification" Engineering Mathematics Tthrough Matlab" Organized by the Dept. of Mathematics, in collaboration with the Institute Partnership Cell-IIPC from 6th November 2015.

➢ Obtained Certification" Engineering Mathematics Tthrough Matlab" Organized by the Dept. of Mathematics, in collaboration with the Institute Partnership Cell-IIPC from 6th November 2015.

➢ Obtained Certification" Emerging Trends and Future Perspective in Image Processing and Computer Vision" Sponsored by IEEE Madras Chapter conducted by Dept. of ECE, Sri Sairam Engineering College on 22nd &23rd September 2015.

➢ Obtained Certification" Machine Learning and Internet of Things" TEQIP sponsored IEEE Faculty Development Programme organized by ECE Department,Thiagarajar College of Engineering on 8th &9th May 2015.

➢ Obtained Certification" Computer Vision and Medical Image Processing: A Practical approach using Matlab Organized by Department of Electronics and Communication Engineering Thiagarajar College of Engineering.Madurai on September 18th to 22nd 2017.

➢ Obtained Certification" Writing Technical article using LaTex" Oraganized by MCA Department,KLNCE,Pottapalayam on 8th & 9th November 2013.

➢ Obtained Certification" Image processing" Organized by Department of Information Technology, Sethu Institute of Technology in association with computer Society of India held on 21st and 22nd August 2013.

➢ Obtained Certification" Two-Week ISTE Workshop on Database Management Systems" Under the National Mission on Education through ICT(MHRD,Govt.of India) -organized by IIT-Bombay-Place:Anna University Regional center,Madurai on May 21st to 31st,2013.

➢ Obtained Certification" Advancements in Brain Image Analysis towards Research" Organized by Dept of Computer Science and Engineering.and Coreel Technologies Pvt Ltd,Bangalore ,P.S.R.Rengasamy College of Engineering for Women, Appayanaickenpatti, Sivakasi-626140. Sponsored by CSIR on March 1st & 2nd ,2013.

- Obtained Certification" Research issues in Bio Medical Image Processing" Orgainzed by Dept. of E&IE at KLN college of Engineering. Sponsored by CSIR. on Feb 24th & 24 th ,2012.

- Obtained Certification" Data Mining: Issues and Challenges" Organized by Anna university of Technology - MBCBS, Trichirappalli .. on August 26th ,2012.

- Obtained Certification" Computing Techniques" Organized by Anna university of National level Seminar on "Computing Tecniques" organized by Dept of MCA-SVN College, Madurai on Feb25th 2011.

- Obtained Certification" IBM Certified Solution Designer-RFT" Organized IBM- sponsored "Four days training program for Rational functional Tester for Java organized by Department of CSE and MCA- KLNCE. on 19th to 22nd 2010.

- Obtained Certification" Emerging Trends in Computer Applications" National seminor on "AICTE- sponsored "Emerging Trends in Computer Applications"." organized by Department of Computer Applications, Jayaram College Engineering & Technology on August 22nd ,2009.

- Obtained Certification" Two days workshop in J2EE" The ICT Academy of Tamil Nadu Sponsored "Two Days Workshop on J2EE" organized by Anna University,Trichy on 20th and 21st September 2009.

- Obtained Certification" Storage Technology" AICTE sponsored SDP on "Storage Technology"." Organized by Department of Information Technology, KLN College of Engg, Pottappalayam. 15th to 26th June 2009.

- Obtained Certification" Recent trends in Sematic Web Mining" "One Day Workshop on Recent Trends in Sematic Web Mining" organized by Department of Computer Applications, Velammal College of Engineering on 09th March 2009..

- Obtained Certification" Web based system: Development and Applications" AICTE- MHRD sponsored FDP on "Web Based Systems : Development and Applications"." Organized by Department of Computer Applications, National Institute of Technology. Trichirapalli-620 015..on jan19th to 31st 2009.

- Obtained Certification" XML and Web Services" One day Workshop on XML And Web Services Organized by Mepco Schlenk Engineering, Sivakasi on 23rd August 2008.

- Obtained Certification" Algorithms" Organized by Dept. of Computer Applications and Dept of Mathematics National Institute of Technology Tiruchirappali – 620015 on 8th to 10th august 2008.

- Obtained Certification" Workshop on Free and Open Software(IBM Tools)" Organized organized by The Dept. of Computer Applications, Fatima College, Madurai-625 018 on 2th to 3rd Feb 2008.

- Obtained Certification" Software Testing Tools & Techniques" Organized by Anna University Trichy-620 024 on 13th 2007.

Awards / Fellowships:

- 10 years -Long Service Award in KLNCE 2007- 2017

Other Activities / Academic Credentials:

S.No.	Title	From Date	To Date	Period	Details
1.	Medical Imaging Informatics	20-11-2017	21-12-2017	2 DAYS	ICMR Sponsored National Level Seminar "Medical Imaging Informatics" held on November 20th and 21st 2017.Organised by CSE Dept.,KLNCE.(Rs.40,000-Funded from ICMR)
2.	Agiculture Embracing IoT	2019	2020	1 year	**Unnat Bharat Abhiyan** sponsored Rs. 1,00,000 fund for this project. Completed successfully on March 2020.

Patent					
S.No.	Title	From Date	To Date	Period	Details
1.	Soil Test : Intelligent IoT based Soil Fertilization Test and their Solution	22-04-2019	09-08-2019	4 months	Official Journal of the Patent Office