Faculty Name: Dr. S. Siamala Devi

Educational Qualification:

Degree	Branch	Institution	Year
Ph.D	CSE	Anna University, Chennai	2017
M. E.	CSE	BIT, Sathy	2010
B. E.	CSE	BIT, Sathy	2008

Experience:

No. of. Years	Designation/Nature of job	Institution/Organization
2	Assistant Professor	BIT, Sathy
6.5	Assistant Professor	SKCT

Area of Specialization:

Data Mining

Machine Learning

FDP/ Workshops Attended:

- Completed IBM SEED Program on Rational Software Architect during May 17, 2013 to May 21, 2013 at Sri Krishna College of Technology.
- Attended " Goal Setting" workshop at Sri Krishna Institutions on Jan 2016.
- Two days Workshop on "Data Analytics using R" during 14th and 15th July 2017 held at Bannari Amman Institute of Technology, Sathyamangalam
- TEQIP-II sponsored one week FDP on "Data Mining Tools and Techniques- Research Perspective" during Nov 11 to Nov 17, 2013 at Coimbatore Institute of Technology.
- One day FDP on "Lead your Students to Excellence" held at Cognizant Academy, Coimbatore on May 20, 2016

- One week FDP on " Database Design and Programming with SQL" organized by ICTACT and ORACLE Academy at Sona College of Technology from Nov 21 2016 to Nov 25 2016.
- One day FDP on "Hadoop Technology" held at Cognizant Academy, Coimbatore on Sep 23, 2017
- AICTE/ISTE sponsored six days Induction/Refresher programme on "Machine learning Techniques for Next Generation Smart Systems"- June 18 to 23, 2018

Seminars/Conferences Attended:

- CSIR Sponsored seminar on "Combating Global Warming With Information Technology" on July 12,2012 at Sri Krishna College of Technology.
- CSIR Sponsored seminar on "Image Mining for Remote Sensing Applications" on July 13,2012 at Sri Krishna College of Technology.
- Two days seminar on "Research Methodologies" on Nov 9-10, 2013 at Sri Krishna College of Engineering and Technology.
- DRDO sponsored seminar on "Securing the Cloud- A Systematic Approach" on Jan 4, 2013 at Sri Krishna College of Technology.
- ICMR sponsored one day seminar on "Medical Computer Vision" on Dec 27, 2013 at Sri Krishna College of Technology.
- Two days Summit on "Embedded Safety and Security Summit 2016 [ESSS 2016], held at NIMHANS Convention Centre, Bengaluru on June 8 & 9 2016.

Events Organized:

- DRDO sponsored seminar on "Securing the Cloud- A Systematic Approach" on Jan 4, 2013 at Sri Krishna College of Technology.
- Organized a National Conference on Research Challenges in IoT and Cloud Computing, Sri Krishna College of Technology, March 3, 2016.
- Two days FDP on " Software Testing Automation " on September 7 and 8, 2016 at Sri Krishna College of Technology.

International Journal:

- S. Siamala Devi(2014)-" A Hybrid Algorithm for Document Clustering Using Concept Factorization", International Journal of Engineering Sciences & Research Technology, Vol. 3, Issue 7, July 2014

- S. Siamala Devi(2014)- "Hybridization of K-means and Harmony Search Method for Text Clustering Using Concept Factorization", Vol. 3, Issue 8, Aug 2014

- S. Siamala Devi(2015)- **"A Proficient Method for Text Clustering Using Harmony"**, International Journal of Scientific Research in Science, Engineering and Technology Search Method, Vol 1, Issue 1, ISSN 2394-4099, PP:119-124, Jan-Feb 2015

- Siamala Devi S. (2015) ,"Dual Constraints Based Clustering Using Hybridization of K-means and Harmony Search Method", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.70 , pp:189–197.

- Siamala Devi S. (2015), "An Integrated Harmony Search Method for Text Clustering Using a Constraint Based Approach", Indian Journal of Science and Technology, Vol 8(29), 73986, November 2015, Print ISSN : 0974-6846 ,Online ISSN : 0974-5645,

- Siamala Devi S. (2016), "Hybridized Harmony Search Method for Text Clustering Using Concept Factorization.", An International Journal of Advanced Computer Technology, Special Issue, Proceedings of National Conference on Communication and Informatics-2016, Organized by Department of IT, Sri Venkateswara College of Engineering, Sriperumbudur, April 2016.

- Siamala Devi S(2016), "Hybridization of K-Means and Harmony Search Based On Optimized Kernel Matrix and Unsupervised Constraints", Asian Journal of Information Technology, Medwell Publications, vol. 15, no. 22, pp.4512-4521.

- Siamala Devi S. (2018), "Scalable Learning Of Behavioural Features For Classifying Users In Colossal Social Environments", International Journal of Creative Research Thoughts(IJCRT), Volume 6 Issue 1 January 2018

- Dr. S. Siamala Devi, C. Deepa, Indira Sneka, C. Jenita Nancy 2018, "Fast Query Image Retrieval Using Feature Extraction Method for Big Data", International Journal of Computer Engineering and Applications, Vol XII, Issue II, PP.114-126, ISSN 2321-3469

- Dr. S. Siamala Devi, P. Ranjitha, Shivaani , Shreedevi , Sowdhanya 2018, "An Efficient Collision Avoidance System by Control of Steering and Braking Using Kinemaic Predictive Control for VANET" International Journal of Engineering Research and Development,
- Dr. S. Siamala Devi, Role Of Electronic Commerce In Construction: A Review On Current Trends And Challenges, International Journal of Civil Engineering and Technology Volume 9, Issue 7, July, 2018

International / National Conferences:

- S. Siamala Devi(2015)-" A Constraint Based Approach for Text Clustering Using Harmony Search Method", International Conference on Engineering and Scientific Innovations (ICESI-2015), Mar Ephraem   College   of   Engineering   and Technology,March 2015
- S. Siamala Devi(2015)- "DCBC: Dual Constraints Based Clustering Using Hybridization of K-means and Harmony Search Method", International Conference on Advances in Engineering and Applied Sciences- ICAEAS.
- S. Siamala Devi(2015)-" A Novel Concept Factorization Method For Document Clustering Using Harmony Search Method", 8th National Conference on Recent Trends in Information and Communication Technology-RTICT 2015.
- S. Siamala Devi(2015)-" Text Clustering Using Hybridized Harmony Search Method", National Conference on Research Challenges in IoT and Cloud Computing, Sri Krishna College of Technology, March 3, 2016.
- S. Siamala Devi(2015)-" Hybridized Harmony Search Method for Text Clustering Using Concept Factorization", National Conference on Communication and Informatics (NCCI 2016), Sri Venkateswara College of Engineering, April 1 & 2, 2016

Industrial Training

- One day visit to Infosys , Mysore to analyze the performance of students during their Internship on May 7, 2016
- Undergone Training on "Mobility Services" at SHLOK Labs, Coimbatore during May 25 to May 28, 2016.

Online Course

- Completed a NPTEL course on "Outcome Based Education" , held on Sep 2017.
- Completed a NPTEL course on "Problem solving through Programming In C", held on April 2018

Membership In Any Professional Body / Institute / Society Others

- ICSES,
- IAENG,
- CSTA,
- IRED,
- ISRD