Sri Sai Ram Engineering College

Department of Information Technology

Name & Photo:	 **B. KAMALA**
Qualification:	M.C.A, M. Tech.
Area of Specialization:	Web Technology, Data Mining, Cloud Computing, Artificial Intelligence
Year of Experience:	**Teaching** 16 Years **Industry**: Nil
No. of Workshops / Conference / FDP Attended:	78

Publications:	**Journal:**
	        International : 10
	         National: 4
	Conference:
	         National: 9
	          International: 11

Achievements:	**1.** Obtained University First Rank and **Gold Medal in M.Tech (CSE)** 2. College Topper in Language II (Tamil) & Class Topper in UG **3. Oracle Certified Trainer for Java Programming and Fundamentals** 4. Had been in Editorial Board of the College Newsletter 5. Certified ISO Auditor 6. Guided IBM Project – Certification for Blind

	7. Had been the recipient of Best teacher award for producing 100% results.
	8. Acted as a Coordinator for International Conference on Information, Communication and Technology – ICICT'09, National Conference on Web Technology – NCWT'13 and National Level Technical Symposium – Infogeddon 2K15
	9. Delivered a lecture on "Functions in python" at ECE Dept, Sri Sairam Engineering College
	10. Published paper in reputed International Journals, Presented papers in various National and International Conferences
	11. Acted as Class coordinator for various batches
	12. Acted as **Chief Faculty Coordinator** for Organizing Internet of Things workshop in associated with Innovation - Cell UMIC, IIT Bombay from 08/01/18 to 09/01/18.
	13. Participated in **ILPXPlore Orientation program** from 22/01/18 to 25/01/18 at TCS ILP, TCS, Chennai.
	14. Event Coordinator for 2019 3rd IEEE International Conference on Computing and Communication Technologies (ICCCT'19) held on 21st and 22nd February 2019.
	15. Coordinator for a workshop on "Ethical hacking" conducted by Cyber Club on 26th and 27th February 2020
	16. Attended "Train the Trainer" program on "Full stack java" by Virtusa for the period of May 4th 2020 to June 5th 2020.
	17. Acted as an Event coordinator for the National Level Technical Fest Xtrofest 2.0 on 28th and 29th September 2020.

Professional Experience

Sl. No	College / Organization	Designation	Period	
			From	**To**
1	Adhiparasakthi Engineering	Lecturer	16/12/2004	16/06/2008

	College			
2	Sri Sai Ram Engineering College	Lecturer	23/06/2008	31/12/2009
3	Sri Sai Ram Engineering College	Asst. Prof Grade-II	01/01/2010	31/12/2013
4	Sri Sai Ram Engineering College	Asst. Prof Grade-I	01/01/2013	Till Date

PAPERS PUBLISHED IN NATIONAL JOURNAL / INTERNATIONAL JOURNAL

1.   Published a paper titled "Authentication Watermarking by Template ranking with symmetrical Central pixel" in SSEC Tech Journal Vol. 8.

2.   Published a paper titled "Technology agnostic agile service using SOCCA – A Case study", ICCIIT 2012 Proceedings, Umayam Publications. ISBN No. 81-903041-9-4.

3.   Published a paper titled "Platform Autonomous Custom Scalable Service using Service Oriented Cloud Computing Architecture", in International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622,Vol. 2, Issue 2,Mar-Apr 2012, pp.1467-1471

4.   Published a paper titled "Automatic Structuring of Semantic Web Services – An Approach", in International Journal of Computer & Communication Technology (IJCCT), ISSN (*ONLINE*):2231-0371 Volume 4, Issue 1, 2013.

5.   Published a paper titled "A Study on Integrated on Data Mining and Cloud Mining" in International Journal of Advances in Computer Science and Cloud Computing, ISSN: 2321-4058 Volume- 1, Issue- 2, Nov-2013, pp. 35-38.

6.   Published a paper titled "Query Processing and Optimization Using Set Predicates" in International Journal of Technology and Engineering System (IJTES) Vol 7. No.5 2015 Pp. 470-477 ISSN: 0976-1345

7.   Published a paper titled "Recommendation of Semantic Network of Web Pages" in Elysium journal of engineering Research & management, Volume 2, Issue 3, June 2015 P-ISSN: 2347

8.   Published a paper titled "Detection And Prevention of Malicious Feedback Rating in Web Service Recommendation Systems" in Elysium journal of engineering Research & management, Volume 2, Issue 3, June 2015 P-ISSN: 2347

9.   Published a paper titled "Prediction and Recommendation In Process Mining" in International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 5, Special Issue 1, January 2018 (DOI: 10.20247/IJARTET.2018.05S01010018)

10.   Published a paper titled "BAGH – A Comparative Study" in 2019 Proceedings of the 3rd International Conference on Computing and Communications Technologies, ICCCT 2019, September 2019

11.   Published a paper titled "Patronization for Orphans and Adoption using Android Application" in 2019 Proceedings of the 3rd International Conference on Computing and Communications Technologies, ICCCT 2019, September 2019

12.   Published a paper titled "A REVIEW ON PRACTICE MANAGEMENT SERVICES USING L-SOCCA" in ICTACT Journal on Data Science and Machine Learning, Vol. 1, Issue. 1, December 2019

13.   Published a paper titled "Car Safety via Engine Control Unit (ECU)" in Studies in Indian Places Names, Volume 40 Issue 3 (S1) February 2020.

14.   Published a paper titled "AIDYS – Learning aid for Dyslexics based on Multisensory approach" in Test Engineering and Management, Vol. 83,ISSN: 0193-4120 Page No. 13987-13992, March-April 2020

NATIONAL CONFERENCES: 9

1.   Presented a paper titled "Query Processing using FDBS" in Velammal College of Management and Computer studies, Chennai.

2.   Presented a paper titled "Security using Image Compression Techniques" in Saveetha Engineering College, Chennai.

3.   Presented a paper titled "Legal Service Oriented Architecture (LSOA) – A Case Study" at Adhiparasakthi Engineering College, Melmaruvathur on 10/04/13.

4.   Presented a paper titled "Process Assessment Mining using Process Mining algorithms" at Adhiparasakthi Engineering College, Melmaruvathur on 30/04/15.

5.   Presented a paper titled "Process Mining Algorithms – A comparative Study" in Panimalar Institute of Technology, Chennai on 14/05/15.

6.   Presented a paper titled "A Review on Practice Management Services using L-SOCCA" in Alpha College of Engineering, Chennai on 12th February 2016

7.   Presented a paper titled " Huge Records Solitude in Biomedical Research" organized by Sri Sai Ram Engineering College, Chennai on 23rd March 2017

8.   Presented a paper titled "Purchase Domain Recommendation using Association Rule Mining" organized by Anna Institute of Science and Technology on 31st March 2017

9.   Presented a paper titled "Smartbin using IoT" organized by Sri Sairam Engineering College on 27th March 2018

INTERNATIONAL CONFERENCES: 11

1.   Presented a paper titled "Technology agnostic agile service using SOCCA – A Case study" at Info Institute of Engineering, Coimbatore on 2nd & 3rd March 2012

2.   Presented a paper titled "Automatic Structuring of Semantic Web Services – An Approach" at Dr. NGP Arts and Science College, Coimbatore on 30/01/13 & 31/01/13

3.   Presented a paper titled "Auto Evolving and In-built Change Organizing Semantic Process Model for Web Services" in an IEEE International Conference conducted by EGS Pillay Engineering College, Nagapattinam on 29/03/13 and 30/03/13.

4.   Presented a paper titled "A Study on Integrated on Data Mining and Cloud Mining" in the International Conference on Information Technology, Computer Science & Management (ICITCSM) organized by Institute of Research and Journals(IRAJ) on 1st December, 2013 at Hotel Sona's Inn, Chennai.

5.   Presented a paper titled "IDMCCA – Integrated Data Mining and Cloud Computing Architecture" in the IST sponsored International conference organized by Tagore Engineering college on 13th March 2014.Presented a paper titled "A Game Theoretic Analysis to Evade the Jamming in Timing Channel" in International Conference on Advances in Emerging Technology 2016 organized by Jaya Engineering College,Chennai on 07th May 2016.

6.   Presented a paper titled "Prediction and Recommendation In Process Mining" in International conference on cutting edge technologies in computing and communications organized by Sriram Engineering College, Chennai on 10th and 11th January 2018.

7.   Presented a paper titled "BAGH – A Comparative Study" in International conference on Computing and Communication Technologies (ICCCT'19) organized by Sri Sai Ram Engineering College, Chennai on 21st and 22nd February 2019.

8. Presented a paper titled "Patronization for Orphans and Adoption using Android Application" in the International conference on Computing and Communication Technologies (ICCCT'19) organized by Sri Sai Ram Engineering College, Chennai on 21st and 22nd February 2019.

9. Presented a paper titled "Car Safety via Engine Control Unit (ECU)" in the International Conference on Electrical Sciences organized by SNS College of Technology, Coimbatore on 20th and 21st February 2020.

10. Presented a paper titled "AIDYS – Learning aid for Dyslexics based on Multisensory approach" in International conference on Computing, communication and control organized by Sri Sai Ram Engineering College, Chennai on 28th and 29th February 2020.

11. Presented a paper titled "Cloud based AI approach for Predictive maintenance and failure prevention" in International Conference on Advances in Thermal Engineering and Applications organized by SRM Institute of Science and Technology, Chennai on 19th and 20th 2021.

PROFESSION MEMBERSHIP

1. ISTE - LM127125
2. IAENG - 233218
3. IFERP - PMIN72965134

FACULTY INTERACTION WITH OUTSIDE WORLD

1. Handled a seminar on "Python – Machine Learning" for 70 UG and PG students at M.R. Government arts College, Mannargudi on 20th February 2020.

2. Acted as a resource person for a Faculty Development program on Python programming for beginners" for Polytechnic faculty members on 11th March 2020.

3. Attended "Train the Trainer" program on "Full stack java" by Virtusa for the period of May 4th 2020 to June 5th 2020.

4. ATAL Mentor of Change for Lalaji Memorial Omega International School, Kovur, Chennai and delivered webinars on Basic Programming Skills on 11/07/2020 and 28/08/2020.