


Sri Sai Ram Engineering College

Department of Information Technology

Name : Padma	
Designation:	AP-III
Qualification:	M.E., <u>Ph.D</u>
Area of Specialization:	Computer Science.
Experience:	Teaching: 10.7 Yrs. UG: - 10.7 PG: -NIL
	Industry: -NIL
No. of workshop / Conferences / FDP attended :	1/3/11
Publication :	Journal National: International: 6
	Conference National: 7 International: 4
Research Guidance :	-
Membership :	IAENG/122218

Achievements:	Produced 100% pass percentage achieved in system software, operating system, FOC, Data structure and Algorithm, OOAD,OOPS,Software Testing.
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Workshop / Conferences / FDP attended: 1/3/11

1. Attended tutorial Session on “cloud computing and Semantic Web” in 2013 international conference on Information, System and Computing - ICISC.
2. Attended Tutorial Session for “Advanced Computing Technologies” in 2015 International Conference on Computing and Communications Technologies.
3. Attended Tutorial Session on “Internet of Things” in 2017 International conference on Computing and Communications Technologies.
4. Attended FDP on “Software Testing” Conducted by TATA CONSULTANCY SERVICES in 2014
5. Attended FDP on “cloud computing” Conducted by TATA CONSULTANCY SERVICES in 2014
6. Attended FDP on “Cloud Computing and Big data” at Sri Sai ram Engineering College Association with Computer Society of India in 2014
7. Attended FDP on “Introduction to Internet of Things” conducted by ICT Academy at Sri sairam Institute of technology in 2018.
8. Attended FDP on "Train the trainer Program on SSC/Q0923QP-Security Infrastructure Specialist" at Sri Sairam Engineering college in 2018.
9. Attended Workshop on "Effective Mentoring in NPTEL Online courses" at IIT Madras in 2019.
10. Attended FDP on "Ruby Programming" Conducted by Vellore Institute of Chennai (VIT) in 2020.
11. Attended FDP on "Cyber Security and Ethical Hacking" Conducted by AICL Training, Chennai in 2020.
12. Attended FDP on "Cryptography and Network Security “conducted by Panimalar Institute of Technology” in 2020.
13. Attended ATAL FDP on “Blockchain” at PSNA college of engineering and Technology in 2020.
14. Attended ATAL FDP on “Innovation management” at Shiv nadir university in 2020.
15. Attended online FDP on “Artificial intelligence and deep learning for computational biology” at PSNA college of engineering and Technology in 2021.

Publication Details:

CONFERENCES

1. Presented a paper in National conference on emerging technologies in Computers 12th Feb 2010- NCETC "A hybrid group key management for secured system" at Sri Muthukumaran Institute of Technology.
2. Presented a paper in National conference on Advanced computing and networking(NCACN) held on 20th Feb 2010 "Enhanced group key management for secured System" at Panimalar Engineering college.
3. Presented a paper in National conference on Current trends in computing Technology 18th feb-2011 "scalable distributed linear hashing data structure for storing encrypted files in a cloud"-NCCTCT-2011 at Sri Muthukumaran Institute of Technology.
4. Presented a paper in National conference on Role of cryptography and network security in defense (NCRCONS-11) 25th Feb 2011 - "Storing encrypted files in a cloud"at velammal Engineering college
5. (i)P.Padma,(ii)Adhikesavan presented a paper in International Institute of Scientific Research and Technology IISRT at Chennai 15th April 2015 ITCECC-15 "Classification of heart disease diagnosing and Treatment Analysis Based on Data Mining Techniques"
6. 1.P.Padma,2.S.Anu meenakshi,3.Varshaa muralidharan ,"Applying Data prediction and Query Processing in wireless sensor networks", National conference on Instrumentation, Electrical and Electronics Engineering(NCIEEE'16),SaveethaEngineeringCollege,April1st2016.
7. 1.P.Padma,Arun kumar,Aid to physically challenged via non_invasive electro encephalograph based locomotion, International conference on Advances in science and Engineering on 3rd March 2017
8. 1.P.Padma, Dr.S.Srinivasan,A survey on biometric based authentication in cloud computing, International Conference on Inventive Computation Technologies. The paper has been published in IEEE Xplore on 19th jan'2017.
9. P.Padma, R.Vigneshwar, J.Senthilkumar, B.Saranya, P.K.Sunitha Presented a Paper Cloud Security: Secure Biometric Authentication Using Phalanx And Interphalangeal Ligaments in ICTRCET'18.
10. P.Padma, A.Pooja, S.Bhargavi Presented a paper IOT Base Water Quality Monitory based system with Mechine learning in NICE'19.

Journal Details

- 1.A Paper Titled "cloud Security:Secure biometric Authentication Using Phalanx and Interphalangeal ligaments"Published in Global journal of engineering science and Researches. Indexed in ResearcherID Thomson Reuters in March-2019.
- 2.A Paper titled "A Decisive Object detection using Deep Learning Techniques " published in International journal of Innovative Technology and Exploring Engineering.ISSN: 2278-3075, Volume-9 Issue-1S, November 2019.
- 3.A Paper titled "Footstep Generation Using Piezoelectric sensor" published in Test Engineering and Management Journal.ISSN: 0193-4120 Page No. 13909 - 13911.
- 4.A Paper titled "Periodic Key Change and Face Recognition for Cloud Security" published in Test Engineering and Management Journal.ISSN: 0193-4120 Page No. 14006 - 14010.
- 5.P.Padma,, V.Narmadha, S.Susilasakthy,L.Arthi,"Enhanced Data Protection Using Honey Encryption And Binocular VCS",Studies in Indian Place Names,(UGC Care Journal),ISSN: 2394-3114,Vol 40 issue 3 (s1) February 2020.

6.V.Narmadha, P.Padma,L.Arthi,E.Tharanidharan ,”Monitoring Home Hemodialysis Using IoT”,Journal of Gujarat Research Society,ISSN: 0374-8588,Volume 21 Issue 17,December 2019

Department Activities

- Class coordinator,Project coordinator,Placement coordinators for the batches 2010-2014,2017-2021.
- Department cultural coordinator.
- Organized “Xtrofest’20” Technical level symposium.
- Department Internship coordinator for the academic year 2019-2020,2020-2021.
- Organizer for entrepreneur Awareness Program for the academic year 2017-2018.
- Organizer for Webinar in C-Programming for first year student in the academic year 2019-2020.
- Department SDG co-coordinator and conducting SDG awareness activities for the students and coordinating for the betterment of adopted villages by providing water facilities and urinals for the school students.
- Department coordinator for LMES program and SPDP program.

