FACULTY PROFILE

Name   :N.S.Kavitha
Designation   :Assistant Professor(Senior Grade)
Email ID   :kavitha.cse@srit.org

Area of Specialization   : Mobile Ad Hoc Networks

Total Experience   :10 Y 10M

                                                Academic   : 10 Years 10 Months

                                                Industry   : --

Educational Qualification:

Degree	Branch / Specialization	College	University
ME	Computer Science and Engineering	Karunya Institute of Technology	Anna University, Chennai
BE	Computer Science and Engineering	Dr.Mahalingam College of Engineering and Technology	Bharathiar University

Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	To	
1	Sri Ramakrishna Institute of Technology	Assistant Professor (Senior Grade)	1-4-2011	Till now	4 Years 11 Months
2	Sri Ramakrishna Institute of Technology	Assistant Professor	1-8-2010	31.03.2011	8 Months
	Sri Ramakrishna Institute of Technology	Lecturer	21-4-2005	31-07-2010	5 Years 3 Months
Total (as on Feb 2016)					**10 Years 10 Months**

Publications   :

Journals   :

1. "Routing protocols in Hybrid Wireless Networks" in International Journal of Latest Trends in Engineering and Technology(IJLTET), Vol.6, Issue 2, November 2015.

2. "Survey of Cluster based routing protocols for heterogeneous MANETs" in International Journal of Computer Science and Engineering, Seventh Sense Research Group (SSRG), 2015, ISSN: 2348 – 8387

3. "Efficient Load Balancing Algorithm for MANET" in International Journal of Applied Engineering Research(IJAER), ISSN 0973-4562 Vol. 9 No. 21, 2014

4. "Improving Throughput and Controlling Congestion Collapse in Mobile Ad Hoc Networks" in Bonfring International Journal of Research in Communication Engineering, Vol. 1, Special Issue, December 2011, ISSN 2250 – 110X

5. "Promoting Fairness in Mobile Ad Hoc Networks" in Bonfring International Journal of Research in Communication Engineering, Vol. 1, Special Issue, December 2011, ISSN 2250 – 110X

6. "Congestion Control in Mobile Ad Hoc Networks using Load Balancing Protocol" in International Journal of Mobile and Network Technologies, Vol.2, No.1, January-June 2011.

International Conferences:

1. Presented a paper titled " Improving Throughput In Hybrid Wireless Networks Using P2P Based Market Guided Distributed Routing Mechanism" in International Conference on Advanced Computing and Communication Systems held on 23rd January 2016 at Sri Eshwar College of Engineering, Coimbatore.
2. Presented a paper titled "Congestion Control in Mobile Ad Hoc Networks using Load Balancing Protocol" in International Conference on "Knowledge Engineering and Networking" on June 2011 at Karunya University, Coimbatore.

National Conferences:

1. Presented a paper titled "Survey of Cluster Based Routing Protocols for Heterogeneous MANETs" in Second National Conference on Research Advances in Communication,Computation,Electrical Science and Structures on March 2015 at Bharathiyar Institute of Engineering for Women, Salem.
2. Presented a paper titled "Improving Throughput & Reliable Data Delivery in Mobile Ad Hoc Networks" in the National Conference on Research Advances in Communication,Computation,Electrical Science and Structures on Feb 2013 at Bharathiyar Institute of Engineering for Women, Salem.

Seminar, Conference, Workshop Organized:

S.No.	Title	Duration	Level (Intern./ National)
1	Introduction to Design of Algorithms	June 25 to June 30,2015	National
2	One Day Spoken Tutorial Based LATEX Workshop on Linux and Windows	07.12.2012	National

Seminar, Conference, Workshop Attended:

1. Two Day Workshop on "Android Application Development (Hands-on)" on Augest 8 & 9 2015 at PSG College of Technology
2. Two week ISTE STTP Coordinator Workshop on "Introduction to Design of Algorithms" on March 16 to 21 March 2015, Conducted by Indian Institute of Technology Kharagpur
3. One Week ISTE workshop on "Computer Networking" Conducted by Indian Institute of Technology Bombay on June 16 to June 21 2014 at Sri Ramakrishna Institute of Technology, Coimbatore
4. One Week ISTE workshop on "Computer Programming" Conducted by Indian Institute of Technology Bombay on June 30 to July 5 2014 at Sri Ramakrishna Institute of Technology, Coimbatore
5. One day National Seminar titled "Research Methodologies in Information and Communication Technology" organized by the Department of Information Technology on February 2 2014 at Sri Ramakrishna Institute of Technology, Coimbatore
6. Two Days' Workshop on "HADOOP Eco System – A Practioner Approach" on 31.01.2014 and 01.02.2014 at Sri Ramakrishna Institute of Technology, Coimbatore
7. Two-week ISTE Workshop on "Signals & Systems" conducted by Indian Institute of Technology Kharagpur on 2nd January to 12th January 2014 at Sri Ramakrishna Institute of Technology, Coimbatore
8. Two Days National Workshop on "Hands-on Training" in NS-2 on 16th and 17th August 2013 at SNS College of Technology, Coimbatore
9. Two Week ISTE Workshop on "Database Management Systems" Conducted by Indian Institute of Technology Bombay on 21 to 31 May, 2013 at Sri Ramakrishna Institute of Technology, Coimbatore
10. One Day National Level Seminar titled on "Cloud Computing and Its Applications" conducted by Department of Computer Science and Engineering on 02 Feburary,2013 at Sri Ramakrishna Institute of Technology, Coimbatore
11. Two Day ISTE Workshop on "Akash for Education" on 11 to 21 November, 2012 at Sri Ramakrishna Institute of Technology, Coimbatore
12. One Day Workshop titled "Open Source Software" conducted by Department of Computer Science and Engineering on 27 September, 2012 Sri Ramakrishna Institute of Technology, Coimbatore

13. One Day Workshop titled "Weka – Data Mining Tool" on 29th of September 2011 at Government College of Technology, Coimbatore
14. One Day Workshop titled "Need Based Approach for Effective Teaching" on 21 june 2011 at Sri Ramakrishna Institute of Technology, Coimbatore
15. Two Days AICTE Sponsored seminar on "Advancement in Wireless Technologies and Applications" on 29 – 30th April 2011 at Kongu Engineering College, Perundurai, Erode
16. Two Days Workshop titled "Research Methodologies" on 15th and 16th April 2011 at Kumaraguru College of Technology, Coimbatore
17. Two Days ISTE Seminar on "Modern Trends in Wired and Wireless Communication" on 29 and 30 December 2010 at Sri Ramakrishna Institute of Technology, Coimbatore
18. One Day Workshop on "J2EE and SQL" on 24.10.2009 at Karpagam University
19. Workshop on "High Impact Teaching Skills" attested by Dale Carnegie & Associates, Inc. Trainer and Wipro on 8th and 9th July 2009 at Sri Krishna College of Engineering and Technology, Coimbatore
20. Seminar on "Emerging Opportunities in Networking" organized by CISCO Regional Academy on 30.04.2005at Dr.Mahalingam College of Engineering and Technology

Membership in Professional Bodies:

1. ACM

2. IAENG

Contributions to the Institution, Department and Society:

1. PG Programme Coordinator

2. Amrita Virtual Lab Coordinator

3. Department Timetable Coordinator

4. Senior Tutor

5. QAC (Quality Assurance Committee) member

Awards and Recognitions:

1. Received "Academic Excellence Award" on 26th January 2016.