

## FACULTY PROFILE

Name : M. PRAVIN

Designation : Assistant Professor

Email ID : pravin.ece@srit.org

Area of Specialization : Wireless Communication

Total Experience : Academic : 7 Years 3 Months  
Industry : Nil



### Educational Qualification:

Degree	Branch / Specialization	College	University
Ph.D (Pursuing)	Information and Communication Engineering / Cognitive Radio Sensor Networks	Anna University, Chennai	Anna University, Chennai
M.E.	Communication Systems	Anna University of Technology, Coimbatore	Anna University of Technology, Coimbatore
B. Tech	Information Technology	Coimbatore Institute of Engineering and Technology	Anna University, Chennai

### Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	To	
1	Sri Ramakrishna Institute of Technology	Assistant Professor	01-02-12	Till Date	4 Years 1 Month
2	Sri Ramakrishna Institute of Technology	Lecturer	05-12-2008	31-01-12	3 Years 2 Months
<b>Total (as on Feb 2016)</b>					<b>Years 7 Months 3</b>

**Funded Projects:**

S. No.	Funding Agency	Topic	Amount Sanctioned in Rs.	Year of Sanction
-	-	-	-	-

**Consultancy Work:**

S. No.	Organization/ Agency	Nature of Work	Amount in Rs.	Year
-	-	-	-	-

Patents (Specify the details): **7121/CHE/2015 “A DEVICE FOR ENERGY HARVESTING OF WI-FI SIGNAL USING A RECTENNA”.**

Publications :

**Journals :**

1. Published a paper in International Journal on Recent Scientific Research “An approach for DSP routing in MANET using Genetic algorithm” in July 2012 issue.
2. Published a paper in Australian Journal of Basic and Applied Sciences “An Enhanced Localization Fusion Scheme for Mobile Sensor Networks Using Monte Carlo Localization” in November 2014 issue.
3. Published a paper in International journal of Innovations in Engineering Research and Technology (IJERT) “Energy generation from Piezo Electric material for an open traffic control model and alternate routing for ambulance” in December 2015 issue.

**International Conferences:**

1. Presented a paper titled “Energy Efficient and Collision Reduction Routing Method for Wireless Sensor Network using Cognitive Radio” in the “International Conference on Electrical, Electronics & Computer Engineering” held at Vivekanandha College of Engineering for Women, Tiruchengode.
2. Published a paper titled “Energy Generation from piezo electric material for an open traffic control model and alternate routing for ambulance” in the “International Conference on electrical, instrumentation and Communication Engineering – Recent Trend and Research Issues” held on 2nd and 3rd, March 2015 at Sri Krishna College of Technology, Coimbatore.
3. Published a paper titled “An approach for DSP routing in MANET using Genetic Algorithm” in the “International Conference on Innovative Computing and Information Processing” held on 29th - 30th march 2012 at Mahendra Engineering College, Namakkal.

4. Published a paper titled "Measurement Based design of Roadside Content Delivery System" in the "International Conference on Electrical, Electronics and Communication Networks" at Adithya Institute of Technology, Coimbatore., on 12th February 2013

**National Conferences:**

1. Published a paper titled "Design and Implementation of Real time Snake Robot for Rescue operation" in the "Fourth National Conference on Computer Communication and Network Engineering" at Hindustan college of Engineering and Technology, on 17th and 18th March 2011 Coimbatore.
2. Published a paper titled "Super Resolution Based Image Processing" in the "National Conference on Computer Communication and Network Engineering" at Hindustan college of Engineering and Technology, Coimbatore.
3. Published a paper titled "Tracking Mobile Nodes in Wireless Networks" in the "First National Conference on Communication, Signal Processing and IC Design" held on 28th - 30th march 2014 at Adithya Institute of Technology, Coimbatore.

Books Published: NIL

**Seminar, Conference, Workshop Organized:**

S.No.	Title	Duration	Level (Intern./ National)
-	-	-	-

**Seminar, Conference, Workshop Attended:**

1. Attended a one day workshop on 'Wireless Sensor Networks – A Cognitive perspective using NetSim' in PSG College of Technology, Coimbatore.
2. Attended an International Workshop on "Nano Electronics" in Sri Ramakrishna Institute of Technology, Coimbatore.
3. Attended a National Level Seminar on "Biometrics and Nonlinear Filters" in Anna University, Coimbatore.
4. Attended a National Workshop on "Need based approach for effective teaching" in Sri Ramakrishna Institute of Technology, Coimbatore.
5. Attended a ISTE sponsored workshop on "Aakash for Education" in RC – Sri Ramakrishna Institute of Technology, Coimbatore.
6. Attended a National Level Seminar on "Design and Applications of VLSI Design" in Sri Ramakrishna Institute of Technology, Coimbatore.

7. Attended a National Level Seminar on “Recent Trends in High Data Rate Wireless Communication” in Sri Ramakrishna Institute of Technology, Coimbatore.
8. Attended a National Level Seminar on “Wireless Applications for Rural Applications” in Sri Ramakrishna Institute of Technology, Coimbatore.
9. Attended a faculty development program on “Digital Signal Processing” in Bannari Amman Institute of Technology, Sathyamangalam.
10. Attended a faculty development program on “Wireless Sensor Networks” in PSG College of Technology, Coimbatore.
11. Attended a faculty development program on “Advanced Control Strategies and Applications” in Sri Ramakrishna Institute of Technology, Coimbatore.
12. Attended a two weeks ISTE sponsored workshop on “Signals and Systems” in RC – Sri Ramakrishna Institute of Technology, Coimbatore.
13. Attended a two weeks ISTE sponsored workshop on “Analog Electronics” in RC – Sri Ramakrishna Institute of Technology, Coimbatore.
14. Attended one week AICTE sponsored short term course on “Research Issues and Challenges in Next Generation Networks” in Coimbatore Institute of Technology, Coimbatore.
15. Attended a National Level Conference on “Communication, Computation, Control and Automation – CCCA - 2010” in Sri Ramakrishna Institute of Technology, Coimbatore.
16. Attended a National Level Conference on “Communication, Computation, Control and Automation – CCCA - 2012” in Sri Ramakrishna Institute of Technology, Coimbatore.
17. Attended a National Level Conference on “Communication, Computation, Control and Automation – CCCA - 2014” in Sri Ramakrishna Institute of Technology, Coimbatore.

**Ph.D., Guidance / Supervisor ship:**

Name of Scholar	Course	Area of Research	Status
-	-	-	-

**Guest Lectures Delivered:**

Topic	Institution	Date(s)
-	-	-

**Membership in Professional Bodies:**

1. Life Member in Indian Society for Technical Education – LM 99751

**Contributions to the Institution, Department and Society:**

1. Acting as Senior Tutor for 2012 – 2016 batch Students
2. Acting as Ant ragging Committee Member
3. Acting as NBA core Committee Member
4. Acted as a department placement Coordinator.
5. Acted as Staff coordinator of national level technical level symposium in the year 2011 - 2012
6. Acted as Staff coordinator to conduct project exhibition contest on engineers day celebration.
7. Acted as one of the Auditing Member for Department of Mechanical Engineering at Sri Ramakrishna Institute of Technology in 2012.
8. One of the Committee members for College day and Graduation day at Sri Ramakrishna Institute of Technology since 2009.
9. Acted as one of the committee member in various activity like CCCA, Workshops and Seminars organized by our department.
10. Accompanied the third year B.E (ECE-A) students for an Industrial Visit to Indian Telephone Industry (ITI), Bangalore during the year 2009-2010.
11. Accompanied the Third year B.E (ECE-A) students for an Outbound training to Aanaikatti during the year 2013 - 2014.
12. Accompanied the Final year B.E (ECE-B) students for an Industrial Visit to Hykon India pvt Ltd, Trichur, Kerala during the year 2013 - 2014.
13. Accompanied the Final year B.E (ECE- B) students for an Industrial Visit to Indian Telephone Industry (ITI), Bangalore during the year 2015 - 2016.

**Awards and Recognitions:**

1. Best paper award for paper presented titled “Design and Implementation of Real time Snake Robot for Rescue operation” in the “Fourth National Conference on Computer Communication and Network Engineering” at Hindustan college of Engineering and Technology, on 17th and 18th March 2011 Coimbatore.