

FACULTY PROFILE

Name : PRAVINTH RAJA.S
Designation : AP (Senior Grade)
Email ID : pravinthraja@cse@srit.org
Area of Specialization : Biometric-Image Processing



Total Experience : 6 Y 11 M Academic : 6 Y 11 M
Industry : NIL

Educational Qualification:

Degree	Branch / Specialization	College	University
Ph.D	ICE/CSE	PSG COLLEGE OF TECHNOLOGY	ANNA UNIVERSITY, COIMBATORE.
M.E	CSE	KUMARAGURU COLLEGE OF TECHNOLOGY	ANNA UNIVERSITY, CHENNAI
B.E	EEE	SRI RAMAKRISHNA ENGINEERING COLLEGE	ANNA UNIVERSITY, CHENNAI

Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	To	
1	SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY	AP(SENIOR GRADE)	01-08-2014	TILL DATE	2 Y
2	SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY	AP	01-08-2010	31-07-2014	3 Y 11 M
3	SRI RAMAKRISHNA INSTITUTE	LECTURER	22-06-2009	31-07-2010	1 Y

	OF TECHNOLOGY				
Total (as on Feb 2016)					Years Months

Funded Projects:

Sl.No	Date	Event	Conducted by	Fund Received
1	10, 11 Nov. 2012	Two Day ISTE Workshop on “Aakash for Education”	IIT Bombay	NIL
2	11, 12 Dec. 2012	Two Week ISTE Workshop on “Engineering Thermodynamics”	IIT Bombay	Rs. 1,38,139/-
3	02 & 09 Feb. 2013	Two Day ISTE Workshop on “Research Methods in Educational Technology”	IIT Bombay	Rs. 7,000/-
4	23, 24 Feb. 2013 and 02, 03 Mar. 2013	Four Day ISTE Workshop on “Aakash Android Application Programming for Students”	IIT Bombay	Rs. 17,000/-
5	21 – 31 May 2013	Two Week ISTE Workshop on “Database Management Systems”	IIT Bombay	Rs. 1,29,576/-
6	04-14 June 2013	Two Week ISTE Workshop on “Analog Electronics”	IIT Kharagpur	Rs. 1,59,283/-
7	24 Aug. 2013	A half-day ISTE workshop on “Green Building Awareness”	IIT Bombay	Rs. 3,000/-
8	25 Nov. to 05 Dec. 2013	Two Week ISTE Workshop on “Engineering Mechanics”	IIT Bombay	Rs. 1,34,570/-
9	02 – 12 Jan. 2014	Two Week ISTE Workshop on “Signals and Systems”	IIT Kharagpur	Rs. 1,87,000/-
10	20 – 30 May, 2014	Two Week ISTE Workshop on “Fluid Mechanics”	IIT Kharagpur	Rs. 1,27,000 /-
11	16-21 June 2014	Two Week ISTE Workshop on “Computer Programming”	IIT Bombay	Rs. 90,618 /-
12	30 June – 06 July 2014	Two Week ISTE Workshop on “Computer Networking”	IIT Bombay	Rs. 78,954 /-
13	10-20 July 2014	Two Week ISTE Workshop on “Cyber Security”	IIT Bombay	Rs. 96,258/-
14	15-19 Sept 2014	Two Week ISTE Workshop on “Control Systems”	IIT Kharagpur	Rs. 1,84,242/-
15	25-30 May 2015	Two Week ISTE STTP on “Introduction to Design of Algorithms”	IIT Kharagpur	Rs. 99,285/-
16	02-12 June 2015	Two Week ISTE STTP on “Environmental Studies”	IIT Kharagpur	Rs. 1,69,627/-

17	30 Nov-05 Dec 2015	Two Week ISTE STTP on “ Technical Communication ”	IIT Bombay	Yet to be Received
18	08-18 Dec 2015	Two Week ISTE Workshop on “ Engineering Physics ”	IIT Bombay	Yet to be Received
19	January 2016	Two Week ISTE STTP on “ Structural Engineering ”	IIT Kharagpur	Yet to be Received
20	January 2016	A view Up gradation	IIT Bobmay	2.80 lakhs
			Total	Rs. 19,01,552 /-

Publications :

Journals :

1. A paper titled “Improving ATM Security using Multimodal Biometrics ” published in Bonfring International Journal of Computer Science and Engineering, Volume 1 ,Issue 1 on January 2012.
2. A paper titled “Survey on Multimodal Biometrics ” published in International Journal of Engineering and Technology Research, Volume 1,Issue 2 on October-November 2013.
3. A Paper titled “Investigations on Finger Nail Plates Authentication” published in International Journal of Applied Engineering Research, Volume 9, No.21, December 2014.
4. A Paper titled “Analysis on continuous Authentication System Using Multimodal Biometrics” published in International Journal of Applied Engineering Research, Volume 9,No.21, December 2014.
5. A Paper titled “Certain Investigations on continuous Authentication System Using Biometrics” published in International Journal of Computer Applications, January 2015.
6. A paper titled “Iris Recognition Modality with Fuzzy K-Means Clustering Algorithm for Improving Security” published in Springer and its series in "ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING (AISC).
7. A paper titled “Certain Investigation on Face Recognition under Varying Pose and Illumination” accepted in [IEEE XPLORE](#) and yet to be published.

International Conferences:

1. A paper titled “Continuous User Authentication System Using Soft Biometric Traits” in International Conference on Cloud and Big Data Analytics during January 7 and 8, 2013, held at Department of Information Technology, PSG College of Technology, Coimbatore 641004,Tamilnadu,India.

2. A paper titled "Multimodal Biometrics for Improving ATM Security" in International Conference on Innovations in Computers, Information and Communication during January 5-7, 2013, held at Department of Information Technology, PSG College of Technology, Coimbatore 641004, Tamilnadu, India.
3. A paper titled "Certain Investigations on continuous Authentication System Using Biometrics" in International Conference on Innovations in Computing Techniques during January 22-24, 2015, held at Department of Information Technology, PSG College of Technology, Coimbatore 641004, Tamilnadu, India.
4. A paper titled "Analysis on Continuous Authentication System Using Multimodal Biometrics" in International Conference on Pattern Recognition Multimedia and Signal Processing during 09-01-2015 to 10-01-2015, held at Department of Computer Science and Engineering, Annamalai University, Tamilnadu, India.
5. A paper titled "Investigations on Finger Nail Plates Authentication" in International Conference on Pattern Recognition Multimedia and Signal Processing during 09-01-2015 to 10-01-2015, held at Department of Computer Science and Engineering, Annamalai University, Tamilnadu, India.
6. A paper titled "Iris Recognition Modality with Fuzzy K Means clustering algorithm for Improving Security" in International Conference on Emerging Research in Computing, Information, Communication and Applications during 31-07-2015 to 01-08-2015, held at Department of Computer Science and Engineering, Nitte Meenakshi Institute of Technology, Yelahanka Bangalore, India.
7. A paper titled "Certain Investigation on Face Recognition under Varying Pose and Illumination" in International Conference on Computing Technologies and Intelligent Data Engineering (ICCTDITE'16) during 07-01-2016 to 09-01-2016, held at Department of Computer Science and Engineering, National Engineering College, Kovilpatti, Tamil Nadu, India.

National Conferences:

1. A paper titled "Identity Based Secure Distributed Data Storage on Schemes" in Fourth National Conference on Communication, Computation, Control and Automation, CCCA-2014 organized by the Department of Computer Science and Engineering at Sri Ramakrishna Institute of Technology, Coimbatore on March 28 and 29 2014.
2. A paper titled "Multimodal Biometrics for Improving Voting Systems " in Second National Conference on Research Advances in Communication, Computation, Electrical Science and Structures on Feb 23, 2013 held at Bharatiyar Institute of Engineering for Women, Salem, Tamilnadu, India.
3. A paper titled "Multimodal Biometrics for Improving Desktop Security " in Third National Conference on Emerging Technologies on 11 th March 2009, held at CSI College of Engineering Ketti, The Nilgiris-643215, Tamilnadu, India.

Seminar, Conference, Workshop Organized:

S.No.	Title	Duration	Level (Intern./ National)
1	"Lean Six Sigma"	27 Feb 2016	National
2	Launch yourself with PHP and My SQL	25 Jul 2015	National
3	Pedagogy for Technology Enabled Learning and Effective Usage of Moodle	29 Jan 2015	National
4	Linux Administration and Kernel Programming	27 Jan 2015	National
5	Android App Development program	11 Feb 2015	National
6	Prezi-A Practitioner Approach	06 Aug 2015	National
7	Computer Programming (TA)	June 16 to June 21,2014	National
8	Database Management Systems(TA)	21 to 31 May,2013	National
9	Cloud Computing and Its Applications	02 Feb 2013	National

Seminar, Conference, Workshop Attended:

1. Participated in three days "workshop on Image Processing Techniques" conducted by Department of Computer Science and Engineering on January 5-7,2009 held at Amrita School of Engineering,Coimbatore-641105,Tamil Nadu,India.
2. Participated in two days workshop titled on "Research Methodologies-Digital Image Processing "conducted by Department of Computer Science and Engineering on 11 & 12 September,2009 held at CSI College of Engineering, in association with The Defence Research & Development Organization.
3. Participated in one day "workshop on J2EE and SQL" conducted by Department of Computer Science and Engineering on 24, October,2009 held at Karpagam University,Coimbatore,Tamil Nadu,India.

4. Participated in two days workshop titled on “Recent Trends in Biometrics and Cyber Security” conducted by Department of Information Technology on 24 & 25 March,2011 held at PSG College of Technology,Coimbatore-641001,Tamil Nadu,India in association with Cyber Society of India.
5. Participated in one day workshop titled “Need Based Approach for Effective Teaching” Conducted by Sri Ramakrishna Institute of Technology,Coimbatore,Tamil Nadu,India on 21 June 2011.
6. Participated in pre conference workshop titled on“High Performance Networking” conducted by Department of Information Technology on 5 January, 2012 held at PSG College of Technology,Coimbatore-641004,Tamil Nadu,India.
7. Participated in one day workshop titled “Research Directions in Biometrics” conducted by Department of Computer Science and Engineering on 15,September 2012 held at Nandha College of Technology,Erode,Tamil Nadu,India.
8. Participated in one day workshop titled “Open Source Software” conducted by Department of Computer Science and Engineering on 27 September, 2012 held at Sri Ramakrishna Institute of Technology, Coimbatore, Tamil Nadu,India.
9. Participated in two day ISTE Workshop on “Akash for Education” Conducted by Indian Institute of Technology Bombay from 11 to 21 November, 2012 held at Sri Ramakrishna Institute of Technology, Coimbatore, Tamil Nadu, India.
10. Participated in pre Conference workshop titled on “Cloud and Big Data Analytics on 7 January, 2013, held at Department of Information Technology,PSG College of Technology,Coimbatore 641004,Tamil Nadu,India.
11. Participated in one day National Level Seminar titled on “Cloud Computing and Its Applications” conducted by Department of Computer Science and Engineering on 02 February,2013 held at Sri Ramakrishna Institute of Technology,Coimbatore,Tamil Nadu,India.
12. Participated in two week ISTE Workshop on “Database Management Systems” Conducted by Indian Institute of Technology Bombay from 21 to 31 May,2013 held at Sri Ramakrishna Institute of Technology, Coimbatore, Tamil Nadu, India.
13. Participated in one day Research Intensive Faculty Development Program on “Mathematical modeling and Applications to Computing Sciences”Conducted by Department of Computer Science and Engineering on 23rd August to 24th August 2013 held at Sri Krishna College of Engineering and Technology, Coimbatore, Tamil Nadu, India.
14. Participated in one day National Seminar on “Challenges and Strategies in Research”Conducted by Department of Computer Science and Engineering on 27 September 2013 held at SNS College of Technology, Coimbatore, Tamil Nadu, India.

15. Participated in a Two-week ISTE Workshop on “Signals & Systems” conducted by Indian Institute of Technology Kharagpur at Sri Ramakrishna Institute of Technology, Coimbatore from 2nd January to 12th January 2014.
16. Participated in a One day National Seminar titled “Research Methodologies in Information and Communication Technology” organized by the Department of Information Technology at Sri Ramakrishna Institute of Technology, Coimbatore on February 2 2014.
17. Participated in a Two-week ISTE Coordinators Workshop on “Computer Networking” conducted by Indian Institute of Technology Bombay at Indian Institute of Technology, Bombay from 05th May to 09th May 2014.
18. Participated in One Day hands on workshop on Android App Development program”Conducted by Department of CSE on 11th February,2015 held at Sri Ramakrishna Institute of Technology, Coimbatore, Tamil Nadu, India.
19. Participated in One Day faculty development program on Pedagogy for Technology Enabled Learning and Effective Usage of Moodle”Conducted by Department of CSE on 29th January,2015 held at Sri Ramakrishna Institute of Technology, Coimbatore, Tamil Nadu, India.
20. Participated in One Day hands on workshop on Linux Administration and Kernel Programming” Conducted by Department of CSE on 27th January,2015 held at Sri Ramakrishna Institute of Technology, Coimbatore, Tamil Nadu, India.
21. Participated in a Two-week ISTE Workshop on “Introduction to Design of Algorithms” conducted by Indian Institute of Technology Kharagpur at Sri Ramakrishna Institute of Technology, Coimbatore from 25 April to 30 April 2015.
22. Participated in a Two-week ISTE Workshop on “environmental Studies” conducted by Indian Institute of Technology Bombay at Sri Ramakrishna Institute of Technology, Coimbatore from 02 June 2015 to 12 June 2015.
23. Participated in a Two-week ISTE Workshop on “Technical Communication” conducted by Indian Institute of Technology Bombay at Sri Ramakrishna Institute of Technology, Coimbatore from 30 Nov 2015 to 05 Dec 2015.
24. Participated in a Two-week ISTE Workshop on “Engineering Physics” conducted by Indian Institute of Technology Bombay at Sri Ramakrishna Institute of Technology, Coimbatore from 08 Dec 2015 to 18 Dec 2015.
25. Participated in a Two-week ISTE Workshop on “Structural Engineering” conducted by Indian Institute of Technology Kharagpur at Sri Ramakrishna Institute of Technology, Coimbatore from 01 Jan 2016 to 07 Jan 2016.

Guest Lectures Delivered:

Topic	Institution	Date(s)
Biometric-Image Processing	PSG College of Technology, Coimbatore	12-04-2013
One Day Peer Enablement Programme for faculty	Sri Ramakrishna Institute of Technology, Coimbatore	22-03-2013
21 Century Learning Methods	Sri Ramakrishna Institute of Technology, Coimbatore.	02-05-2013 to 04-05-2013

Membership in Professional Bodies:

- 1. Computer Society of India (CSI)**
- 2. ACM**
- 3. IAENG**

Contributions to the Institution, Department and Society:

1. Working as a mess bill collector and verifier for Boys and Girls Hostels since 2010 to till date.
2. Actively served as a Boys Hostel Deputy warden from July 2009 to May 2012 and played a various roles.
3. Represented the Institution Nominee of Computer Society of India.
4. Represented the Institution Student Branch Counselor for Computer Society of India, Coimbatore Chapter.
5. Represented the Institution staff in charge for Education Expo conducted from various places across TamilNadu.
6. Represented the Core Member of Infosys Campus Connect Programme since January 2011.

Department

1. Student Branch Counselor for Computer Society of India
2. Editor for SRIT CSI Messenger
3. Coordinator for Virtual Industrial Visit (VIV).
4. NBA Coordinator for the department of CSE.
5. Staff Club Representative for the Department.
6. Remote Centre Coordinator for IIT Bombay and Kharagpur.