FACULTY PROFILE

Name   :   S.ANILA
Designation   : Associate Professor
Email ID   : anila.ece@srit.org

Area of Specialization   : Digital Image Processing, Signal Processing, Embedded

 systems

Total Experience   :   Academic   : 19 years

                                                         Industry   :   -

Educational Qualification:

Degree	Branch / Specialization	College	University
Ph.D	Digital Image Processing	Government College of Technology, Coimbatore	Anna University, Chennai
M.E	Applied Electronics	Government College of Technology, Coimbatore	Anna University, Chennai
B.E	Electronics and Communication Engineering	Periyar Maniammai College of Technology, Thanjavur	Bharathidasan University

Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	**To**	
1	Sri Ramakrishna Institute of Technology	Associate Professor	01-04-2013	Till date	2 years 11 months
2	Sri Ramakrishna Institute of Technology	Assistant Professor (Selection Grade)	01.03.2011	31-03-2013	2 years 1 month
3	Sri Ramakrishna Institute of	Senior Lecturer / Assistant	01.02.2008	28-02-2011	3 years

S. No.	Institution	Designation	From	To	Duration
	Technology	Professor			1 month
4	Sri Ramakrishna Institute of Technology	Lecturer	27.06.2005	31-01-2008	2 years 7 months
5	Government College of Technology, Coimbatore	Graduate Trainee	29.07.2002	24.06.2005	2 years 11 months
6	Government College of Technology, Coimbatore	Hourly basis lecturer	12.12.2001	12.03.2002	3 months
7	Government Polytechnic, Ooty	Part time lecturer	01.06.2000	03.07.2001	1 year 1 month
8	Government Polytechnic, Ooty	Part time lecturer	01.06.1995	31.12.1999	4 years 6 months
Total (as on Feb 2016)					**19 Years 5 Months**

Funded Projects: NIL

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

Consultancy Work: NIL

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

Patents (Specify the details):

TITLE: An Automatic solar tracking equipment based on shadow detection through image processing

Application Number: 7119/CHE/2015 filed at "Patent office – Intellectual Property India" on 31/12/2015

Publications   : 19

Journals   : 12

1. S.Anila, Dr.N.Devarajan, "A new Contourlet based Multiresolution approximation for MRI image noise removal" has been accepted for publication in the National Academy Science Letters, Springer publications.

2. J.Sajimi Nisha, Dr.S.Anila, "Design of IPV6 enterprise network with stateless address auto configuration" International Journal of digital communication and networks(IJDCN), Vol.2, No. 1, January 2015.

3. S.Anila, Dr.N.Devarajan, "Detection and tracking of Human in Videos", Advances in Natural and Applied Sciences Vol. 9, No. 8, pp.135-141, July 2015.

4. V.Suriya, Sona Poulose, S.Anila, "A Shackle Process for Shadow Detection" , International Journal of computer Applications, pp.8-15, 2013. (Proceeding form the International Conference on Innovations In Intelligent Instrumentation, Optimization And Signal Processing" ICIIIOSP-2013

5. S.Anila, Dr.N.Devarajan, "An Efficient Face Recognition System Using Transforms" , International Journal of soft computing, Vol. 8, No.1, pp. 42-49, 2013.

6. S.Anila, Dr.N.Devarajan,"Superior Feature Sets for Face Recognition under Difficult Lighting Conditions", Journal of Applied Sciences Research, Vol.8, No.7, pp. 3344-3352, 2012.

7. S.Anila, Dr.N.Devarajan "Preprocessing Technique for Face Recognition Applications under Varying Illumination Conditions", Global Journal of Computer Science and Technology , Vol.12, No.11, pp.13-18, 2012.

8. S.Anila, Dr.N.Devarajan "Global and Local Classifiers for Face Recognition", European Journal of Scientific Research, Vol.57, No.4, pp.556-566, 2011.

9. S.Anila, Dr.N.Devarajan "Extraction of Head and Face Boundaries for Face Detection Applications", International Journal of Automated Identification Technology, Vol. 3, No.1, pp.27-33, 2011.

10. S.Anila, Dr.N.Devarajan, "A simple Face Detection system based on Edges", International Journal of Universal Computer Sciences (IJUCS), Volume 1, No.2 , pp.54-58, 2010.

11. S.Anila, Dr.N.Devarajan, "The Usage of Peak Transform for Image Compression", International Journal of Engineering Science & Technology (IJEST), Vol. 2, No. 11, pp.6308-6316, 2010.

12. S.Anila, Dr.N.Devarajan, "An efficient, High secure steganography algorithm" CiiT international journal of digital image processing, Vol.2, No.11, November 2010.

International Conferences:

1. S.Anila, Dr.N.Devarajan, "An efficient Compression Technique using Peak Transform" proceedings of the "International Conference on Computer Technology and Development (ICCTD)", organized by IACSIT (International Association of Computer Science & Information Technology) at Kota Kinabalu, Malaysia during 13/11/2009 to 15/11/2009 and the same has been published in IEEE Explore.

2. S.Anila, Dr.N.Devarajan, "Image Enhancement using wavelet for improving face Detection" proceedings of the Fourth Indian International Conference on Artificial intelligence (IICAI-09) at Siddaganga Institute of Technology(SIT), Tumkur during 16/12/2009 to 18/12/2009.

3. R.Adithya, Jibiya Mary Kuruvilla, S.Lakshmi, J.Nandhini, S.Anila, , "Misalignment Estimation and Restoring Degraded Faces for Face Recogntion Applications", proceedings of the International conference on Computing Techniques, Embedded systems and drives (ICCED '12) at PPG Institute of Technology, Coimbatore during March 7-9, 2012.

4. S.Anila "Detecting And Tracking Human Face In Videos" in the proceedings of the International Conference on Advanced Computing Machines and Embedded Technology at JKKN college of Engineering and Technology, Namakkal during 8-9 March 3013.

5. V.Suriya, Sona Paulose, S.Anila, "A Shackle Process for Shadow Detection" proceedings of the International Conference on Innovations in Intelligent Instrumentation, Optimization and Signal Processing (2013) organized by the Department of Electronics and Instrumentation at Karunya University, Coimbatore during 1-2 March 2013.

National Conferences:

1. S.Anila, K.Arulsukanya, K.Divya, C.Kanimozhi, D.Kavitha,"An Efficient Preprocessing Technique for Face Recognition under difficult lighting conditions", proceedings of the National Conference on Emerging trends in Computer Communication and Informatics

(ETCCI-2011) at Tamil Nadu college of Engineering, Coimbatore during March 10-11,2011.

2. E.Preethi, S. Sharmila, M. Suganya, K.Vinothini, S.Anila, "Text detection and recognition using integrated technique", proceedings of the National Conference on AISSDEE(2015), organized by the Department of ECE and EEE, at Nandha College of Technology, March 2015.

Books Published: NIL

Seminar, Conference, Workshop Organized:

S.No.	Title	Duration	Level (Intern./ National)
1.	Workshop on Signals & Systems, under the National Mission on Education through ICT(MHRD, Govt. of India) from 02/01/2014 to 12/01/2014 conducted by Indian Institute of Technology, Kharagpur	02/01/2014 to 12/01/2014	**National**
2.	MOES (Ministry of Earth Sciences) sponsored national seminar on wireless networks for rural applications	10/10/2011 & 11/10/2011	**National**
3.	IETE sponsored seminar on Modern Trends in Wired & Wireless Communication	29/12/2010& 30/12/2010	**National**

Seminar, Conference, Workshop Attended:

   Participation in Faculty Development Programme

1. Participated in one week short term course under QIP on "Embedded system design" at Coimbatore Institute of Technology, Coimbatore-14 from 23-11-2015 to 29-11-2015.

2. Participated in one week Faculty Development Programme on "Signals and Systems" at Anna University Regional Centre, Coimbatore from 12-06-2013 to 18-06-2013.

3. Participated in one week AICTE sponsored FDP on "Advanced Control Strategies and Applications" at Sri Ramakrishna Institute of Technology Coimbatore-10 during 13-05-2013 to 26-05-2013.

Participation in Workshops / seminars

1. Participated in two week ISTE workshop on "Control Systems" conducted by the Indian Institute of Technology, Kharagpur at Sri Ramakrishna Institute of Technology, Coimbatore-10 from 2nd to 12th December, 2014.

2. Participated in one week coordinators' workshop(under national mission on education through ICT(MHRD) on "Signals and Systems" conducted by Indian institute of technology Kharagpur from 30th Sep to 4th Oct, 2013.

3. Participated in a one day national workshop on "Advanced Trends in communication Techniques" by the department of ECE at Sri Ramakrishna Institute of Technology, Coimbatore-10 on 8th October 2013.

4. Participated in two week ISTE workshop on "Analog electronics" conducted by the Indian Institute of Technology Kharagpur at Sri Ramakrishna Institute of Technology, Coimbatore-10 from 4th to 14th June, 2013.

5. Participated in the two days DRDO sponsored national workshop on "Research issues in wireless communication" at Sri Ramakrishna Engineering College during 27-28 March /2013.

6. Participated in one day national seminar on "Digital image processing and its applications" conducted by ECE department at Sri Ramakrishna Institute of Technology, Coimbatore-10on 18 March 2013.

7. Participated in two days ISTE workshop on "Research Methods in Educational Technology" conducted by Indian Institute of Technology, Bombay during 2nd and 9th February 2013.

8. Partcipated in two days workshop on "Graphical System" design using LABVIEW from 19-02-2013 to 20-02-2013.

9. Participated in two days ISTE workshop on "Aakash for education" conducted by Indian Institute of Technology Bombay 10th and 11th November 2012.

10. Participated in the one day International Workshop on "Nanoelectronics" at Sri Ramakrishna Institute of Technology on 30/12/2011

11. Participated in the two days MOES sponsored national seminar on "Design and application of VLSI techniques" at Sri Ramakrishna Institute of Technology during 12/10/2011 & 13/10/2011

12. Participated in the two days MOES sponsored national seminar on "Wireless networks for rural applications" at Sri Ramakrishna Institute of Technology during 10/10/2011 & 11/10/2011

13. Participated in the one day workshop on "Need Based Approach For Effective Teaching" at Sri Ramakrishna Institute of Technology during on 21/06/2011

14. Participated in the IETE sponsored 2 days Seminar on "Modern Trends in Wired & Wireless Communication" conducted by the Department of Electronics and Communication Engineering at Sri Ramakrishna Institute of Technology during 29/12/2010 & 30/12/2010

15. Participated in the AICTE sponsored 2 days seminar on "Recent Trends in High Data Rate Wireless communication" conducted by the Department of Electronics and Communication Engineering at Sri Ramakrishna Institute of Technology during 20/08/2009 & 21/08/2009

16. Participated in the five day workshop organized by the Indo US Collaboration for Engineering Education (IUCEE) on "Graphical System Design Fundamental with LABVIEW I" at the INFOSYS campus , Mysore during 29/06/2009 to 03/07/2009

17. Participated in the MISSION 10X workshop on "High impact Teaching Skills" Organized by WIPRO at Coimbatore Institute of Engineering & Technology(CIET), Coimbatore during 10/11/2008 & 14/11/2008

18. Participated in the two days CSIR sponsored seminar on "Research issues in Image Processing" organized by the Department of Electrical & Electronics Engineering at Kongu Engineering college, Perundurai during 20/06/2008 & 21/06/2008

19. Participated in a one day workshop on "Digital Image Processing'' conducted by the Department of Information Technology, jointly with South Dakota School of mines and Technology, USA at Sri Ramakrishna Engineering College on 08/02/2007

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 of ISTE (Indian Society of Technical Education) M.No. : LM 55301

Contributions to the Institution, Department and Society:

1. Lab in-charge - Electronics & Circuit Laboratory & Responsible for purchase of consumables for the entire ECE department

2. Faculty Advisor for ASCONIC(Association of Electronics and Communication Engineers) – during the academic year 2008-2009, 2014-2015 & 2015-2016 (Guided the students in organizing Cornucopia 2K8, Cornucopia 2K14

3. NBA coordinator – 2016

4. B.E(ECE) - Programme coordinator - 2016

5. Project Coordinator

6. Senior Tutor - 2008-2012 batch students

7. Academic Division head for carrying out the vetting process of internal test question papers

8. One of the Internal Audit members for auditing the Internal test notes and the Internal marks

9. Member - Academic Audit Committee

10. Steering Committee member - NAAC

11. Acted as one of the Judges for the Best Manager event in the Annual Day function during the year 2008-2009

12. Conducted the Technical Quiz event in the Annual Day function during the year 2009-2010

13. Acted as one of the Committee members - VIP Catering committee in the INFOSYS on campus placement drive at SRIT on 22/12/2010

14. One of the in-charges for maintaining the files in the Department
15. Accompanied the final year B.E (ECE-A) students for an Industrial Visit to the Diesel Loco Shed, Erode on 28/09/2010
16. Accompanied the final year B.E (ECE-A) students for an Industrial Visit to Transformers and Electricals Kerala Ltd. (TELK), Kerala during 2011.

Awards and Recognitions:

Received Dr. Radhakrishnan award for academic excellence on 26-01-2015 from SRIT Alumni Association at Sri Ramakrishna Institute of Technology, Coimbatore-10