



Sri SAI RAM INSTITUTE OF TECHNOLOGY

An ISO 9001 : 2008 Certified Institution

Sai Leo Nagar, West Tambaram, Chennai - 44. www.sairamit.edu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name : Ms. S.DEIVANAYAGI

Designation : Associate Professor Date of Joining: 02.02.2011

Email : deivanayagi.ece@sairamit.edu.in

Qualification : M.Tech., (Ph.D),

Specialization : BIOMEDICAL ENGINEERING

Research Interest : MEDICAL IMAGE PROCESSING

Experience in years : Teaching UG PG Industry

No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP



Professional Membership	IETE (Life member), NDL (Life member), IAENG
Publications	National : -
	International: 06
	Book : NIL
Research Funded Projects	NIL
Patents	NIL
Achievements	<ul style="list-style-type: none"> Received cash awards from the Management for 100% result. Obtained 100% result in Microprocessor and Applications, in Microcontrollers And Risc Architecture. Obtained 100% result in RF and Microwave engineering. Obtained 100% result in Digital Signal Processing. Co-ordinates a Workshop on “How to write Research papers on Refereed Journals”.
Any Other Information	<ul style="list-style-type: none"> Received NPTEL Elite Certificate for the Course “Outcome Based Pedagogic Principles for Effective Teaching”

List of Publications:-

1. S.Deivanayagi, Dr.M.Manivannan, Dr. Peter Fernandez “Spectral Analysis of EEG signals during Hypnosis”, International Journal of Systemics, Cybernetics and Informatics, 2007.
2. S.Deivanayagi, Dr.M.Manivannan, D.Pushgara Rani “Spectral Analysis of EEG signals during Hypnotic Analgesia” International Journal of Applied Engineering Research, Volume 10, Number 75, 2015.
3. Dr. Arul Mozhi P, Pattarayan R, Deivanayagi.S, Banumathy.V “Analytical Standardization of Brahmi Nei and Effect of Siddha Methodologies on Spasticity in Cerebral Palsy” International Journal of Current Research in Medical Sciences, ISSN: 2454-5716, Volume 2, Issue 10 -2016 pp 82-89.
4. Deivanayagi. S, N.Sowmya, A.Rajaseethala, S.Shamini, S.Sornalakshmi “SELF DETECT COLLISION AVOIDANCE IN AIRCRAFT USING RSSI” International Journal Of Science And Innovative Engineering & Technology, MAY 2017 ISSUE VOLUME 3
5. Arul Mozhi P., Pattarayan R., Deivanayagi.S, The Effect of Brahmi Nei with Massage and Varmam on Spasticity of Cerebral Palsy Children, Global Journal For Research Analysis, Volume : 5 | Issue : 11 | November 2016
6. Dr. Arul Mozhi P.,Dr.Pattarayan R., Deivanayagi, S. and Dr. Banumathi, V “SIDDDHA MEDICINES AND METHODOLOGIES ON DYNAMIC GAIT INDEX OF CEREBRAL PALSY CHILDREN” International Journal of Recent Advances in Multidisciplinary Research Vol. 03, Issue 12, pp.2075-2078, December, 2016 pp 2075-2078.

List of Patent:

NIL

Workshop / Conferences / FDP Attended:-

1. International Conferences:

1. S.Deivanayagi, Sandhya.C.D, Komali.C.N, Athira Menon.M, “Design and Implementation of Voice Recognition System Using Beaglebone” Third International Conference on Innovative and Emerging Trends in Engineering and Technology at Panimalar Institute of Technology, 09th and 10th march 2018.
2. S.Deivanayagi, R.Priya, K.Pooja, P.Mohanapriya, M.Shyamala, “A Unique Methodology To Find Last Object Frequency Signal” International conference on Innovation in signal processing and Communication at ARM College of Engineering and technology, Marai Malai Nagar, Chennai, India, 2018.

3. S.Deivanayagi, D.Pushgara Rani, "Hypolipedimic and Anti-Atherosclerotic effects of neuroceuticals" International Conference on contemporary challenges in Engineering and Management at ARM college of Engineering and Technology, Marai Malai Nagar, Chennai, India, 2017.
4. D.Pushgara Rani, S.Deivanayagi, "Emergency Automatic Signaling System" International conference on Advanced Computing & Communication Systems, at Sri Eshwar Collge of Engineeirng, Coimbatore, Tamilnadu, India, 2017.
5. G.Venkatesh Prasad, S.Deivanayagi, "Pelvic Assist Manipulator" in the Second International Conference on Contemporary Challenges in Engineering and Management, 2015, ARM college of Engineering and Technology, Marai Malai Nagar, Chennai, India.

2. National Conferences:

1. S.Deivanayagi, Sandhya.C.D, Komali.C.N, Athira Menon.M, "Review On Design And Implementation Of Voice Recognition System Using BeagleBone", National Conference on Advanced Research and Innovations in Information and Communication Engineering at Sri Sairam Institute of Technology, Chennai, April 2018.
2. S.Deivanayagi, D.Pushgara Rani, on "Anti Atherosclerotic effect of Spermococe Hispida with Immuno Hostochemical Evidences" in National Conference on Information and Communication Engineering held during April 21st, 2017 at Sri Sai Ram Institute of Technology,Chennai.
3. S.Deivanayagi, D.Pushgara Rani, "Hypolipedimic and Anti-Atherosclerotic effects of neuroceuticals" in National conference on Smart Traffic and Parking Infrastructure Solutions held on 20th February 2017.
4. S.Deivanayagi, Dr.M.Manivannan, Dr.P.Arul Mozhi, G.Thamarai Selvi on "EEG Analysis during Hypnosis" Proceedings of National Conference on Communication and Nanao-Electronics Technology, 2011, Sri Sai Ram Institute of Technology, Chennai, India.
5. T.Chinthu, V.Nirmal Virginia, S.Deivanayagi, , "Online and remote motor energy monitoring and fault diagnostic using WSN" in the First National conference on Industrial Technology, 2010, Bannari Amman Institute of Technology, Sathyamangalam, Tamilnadu, India.

3. FDP Attended:

1. FDTP on Adhoc networks on Adhoc networks during 07/06/17-14/06/17 at S.A Engineering College, Chennai.
2. FDTP on "Digital Image Processing, RF & Embedded System" at Sree Sastha Institute of Engineering & Technology during 20-22 JUNE 17
3. Anna University Sponsered FDP on "Computer Networks" at K.S.R College of Engineering, during 27.11.2006 to 09.12.2006

4. UGC Sponsered Refresher Course in “VLSI design” at Amrita Vidya Viswapeetam during 05.12.2007 to 15.12.2007
5. Workshop on “Teaching technology and counseling skills” at K.S.Rangasamy college of Technology during 05.10.2002 to 06.10.2002.
6. Workshop on” Embedded controllers for solid state drives” at K.S.Rangasamy College of Technology during 21.04.2003 & 22.04.2003
7. Training program on ” Teaching methodologies and Pedagogy” at IITM, Chennai during 06.12.2004 to 11.12.2004
8. “IEEE Sponsored FDP On “Semiconductor Devices And Analog Circuits” at IITM, Chennai during 24.11.2007 & 25.11.2007.
9. AICTE Sponsered STTP on “Recent Trends in Signal Processing” at K.S.R College of Engineering during 19.03.2007 to 23.03.2007.
10. Workshop on “Digital Image and Video Processing” at National Institute Of Technology, Trichy during 07.11.2008, 08.11.2008 & 09.11.2008.
11. Workshop on “Advancements In Digital Signal And Image Processing” at K.S.R College of Engineering on 03.02.2009.
12. Workshop on “MISSION 10X training” at K.S.R College of Engineering during 03.08.2009 to 07.08.2009.
13. Workshop on “High Impact Teaching Skills” at K.S.R College of Engineering WIPRO (MISSION 10X) 03.08.2010 & 04.08.2010
14. Training program on “Quality management system and audit training” at at Sri Sai Ram Institute of Technology on 18.10.2011.
15. SDP on “Soft computing with AI” at Sri Sai Ram Institute of Technology during 15.09.2011 to 28.09.2011.
16. Workshop on “Art of Journal and thesis writing” at Sri Sairam Engineering College on 19.01.2012.
17. Workshop on “Robo Zest ‘14” at Robo Species Technologies at Sri Sai Ram Institute of Technology during 20.02.2014 & 21.02.2014.
18. Workshop on “How to write Research papers on Refereed Journals” at Sri Sai Ram Institute of Technology on 24.01.2015.
19. Workshop on “Recent trends in renewable energy” at Sri Sai Ram Institute of Technology on 03.03.2015.
20. Faculty Enablement Program on “A Step to Outcome based Accreditation” at Sri Sai Ram Institute of Technology on 04.04.2015.
21. FDP on “Electromagnetic field theory and transmission lines” at Sri Sai Ram Institute of Technology during 25.06.2015 & 26.06.15.

22. FDP on “Crypt Analysis & Internet Security” at Sri Sai Ram Institute of Technology during 27.06.2016 to 29.06.2017.
23. FDP on “Digital Image processing, RF & Embedded System” at Sree Sastha Institute of Engineering and Technology during 20.06.2017 to 22.06.2017.
24. FDP on “Modern teaching and learning methodologies for competency development” at Jeppiaar Maamallan Engineering college during 03.05.2017 to 04.05.2017.
25. FDTP on “CS6003-ADHOC and sensor network” at S.A.Engineering college, Chennai at 07.06.2017 to 14.06.2017.

Workshop / Conferences / FDP Organized:-

1. AICTE sponsored FDP on “Recent Trends In Signal Processing” acted as Co-coordinator at K.S.R College of Engineering during 19.03.07 To 23.03.07 Co-ordinated by Dr.P.S.Periasamy.
2. Workshop on “How to write Research papers on Refereed Journals” acted as Co-ordinator at Sri Sai Ram Institute of Technology on 24.01.2015.