



# Sri SAI RAM INSTITUTE OF TECHNOLOGY

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Sai Leo Nagar, West Tambaram, Chennai - 600 044. [www.sairamit.edu.in](http://www.sairamit.edu.in)



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

<b>Name :</b> Dr. S.DEIVANAYAGI	<b>Photo:</b> 
<b>Designation</b>	Associate Professor
<b>Qualification</b>	Ph.D
<b>Area of Specialization</b>	BIOMEDICAL ENGINEERING
<b>Experience</b>	UG :18 PG: -  <b>Industrial Experience :</b> NIL
<b>No. of workshop / Conferences / FDP attended</b>	Workshops & FDP : 28 International Conference : 7 National Conference : 8
<b>No. of workshop / Conferences / FDP organized</b>	Workshops: 01 FDP: 01 International Conferences:- National Conferences : -
<b>No. of Funded Projects</b>	Nil
<b>No. of Research Guidance</b>	Nil
<b>Membership in Professional Bodies</b>	IETE (Life Member) ISTE (Life Member) NDL (Life member), IAENG

### **PROFESSIONAL EXPERIENCE:**

S.No	Organization	Post Held	Number of Years	From	To
1.	Sri Sairam Institute Of Technology	Associate Professor	02.01.2016	Till date	9 years
2.	Sri Sairam Institute Of Technology	Senior Lecturer	02.02.2011	31.05.2013	4 years 9 months
3.	K.S.R.College of Engineering	Associate Professor	01.07.2010	10.11.2010	4 months
4.	K.S.R.College of Engineering	Assistant Professor	01.07.2008	30.06.2010	1 year 11 months
5.	K.S.R.College of Engineering	Lecturer	01.12.2003	30.06.2008	4 years 7 months
6.	K.S.Rangasamy college of Technology	Lecturer	11.06.2001	30.11.2003	2 years 6 months

### **FACULTY ACHIEVEMENTS:**

#### **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 using 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 “SIDDHA 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.
7. Deivanayagi. S, V.G.Nandhini sri, P.Kalai Priya, G.Arthi, “Pupil Detection Algorithm Based on Feature Extraction for Eye Gaze” International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277 – 3878, Volume-8, Issue-2S5, July 2019

#### **List of Patent:**

NIL

#### **Workshop / Conferences / FDP Attended:-**

##### **1. International Conferences:**

1. S.Deivanayagi, V.Vishall, R.Nithish Senan, G.Navarasu “**An Approach** For The Design Of Vehicular Pollution Risk Management System” 8<sup>Th</sup> International Conference on Contemporary Engineering and Technology 2020 at Prince Shri Venkateshwara Padmavathy Engineering College, Prince Dr. K Vasudevan college of engineering and technology, 14<sup>th</sup> and 15<sup>th</sup> March 2020.
2. Deivanayagi.S ,Anirudh.S, Balasubramanian.V, Dineshbabu.M “FPGA Implementation Of Windowed Watchdog Timer Using Verilog Code”
3. 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, 09<sup>th</sup> and 10<sup>th</sup> march 2018.
4. 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.

5. S.Deivanayagi, D.Pushgara Rani, “Hypolipedimic and Anti-Atherosclerotic effects of neutraceuticals” International Conference on contemporary challenges in Engineering and Management at ARM college of Engineering and Technology, Marai Malai Nagar, Chennai, India, 2017.

6. 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.

7. 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, V.Vishall, R.Nithish Senan, G.Navarasu ” Vehicular pollution risk management”, National Conference on Advanced research and Innovation, in information and communication Engineering(ARICE 2020), Sri Sai Ram Institute of Technology, March 2020

2. S.Deivanayagi, Ranjana S , Shrruti Piriya T“AI Based Threat Intrusion Detection With Hyper Paraoptimization” National Conference on Advanced research and Innovation, in information and communication Engineering(ARICE 2020), Sri Sai Ram Institute of Technology, March 2020

3. S.Deivanayagi, V.Srivathsan, M.B.Keerthivasan, S.Mohammed Mohaideen Aswath, C.Yogesh, Intelligent Security System Using Fingerprint Sensors. National Conference on Advanced research and Innovation, in information and communication Engineering(ARICE 2020), Sri Sai Ram Institute of Technology, March 2020

4. 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.

5. 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 21<sup>st</sup>, 2017 at Sri Sai Ram Institute of Technology,Chennai.

6. S.Deivanayagi, D.Pushgara Rani, "Hypolipedimic and Anti-Atherosclerotic effects of neutraceuticals" in National conference on Smart Traffic and Parking Infrastructure Solutions held on 20<sup>th</sup> February 2017.
7. S.Deivanayagi, Dr.M.Manivannan, Dr.P.Arul Mozhi, G.Thamarai Selvi on "EEG Analysis during Hypnosis" Proceedings of National Conference on Communication and Nano-Electronics Technology, 2011, Sri Sai Ram Institute of Technology, Chennai, India.
8. 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. AICTE sponsored FDP on "Emerging Trends in Wireless and Networks with Hands on Training in Advanced Simulators", Dhanalakshmi College of Engineering,19.11.2019 to 02.12.2019
2. Attended STTP on Emerging Technology in Wireless Communication and Networks with Hands on training in Advanced simulators during 19.11.2019 to 02.12.2019 at Sri Sai Ram Institute of Technology.
3. NPTEL FDP on" Stress Management".
4. FDTP on Adhoc networks on Adhoc networks during 07/06/17-14/06/17 at S.A Engineering College, Chennai.
5. FDTP on "Digital Image Processing, RF & Embedded System" at Sree Sastha Institute of Engineering & Technology during 20-22 JUNE 17
6. Anna University Sponsored FDP on "Computer Networks" at K.S.R College of Engineering, during 27.11.2006 to 09.12.2006
7. UGC Sponsored Refresher Course in "VLSI design" at Amrita Vidya Viswapeetam during 05.12.2007 to 15.12.2007
8. Workshop on "Teaching technology and counseling skills" at K.S.Rangasamy college of Technology during 05.10.2002 to 06.10.2002.

9. Workshop on " Embedded controllers for solid state drives" at K.S.Rangasamy College of Technology during 21.04.2003 & 22.04.2003
10. Training program on " Teaching methodologies and Pedagogy" at IITM, Chennai during 06.12.2004 to 11.12.2004
11. "IEEE Sponsored FDP On "Semiconductor Devices And Analog Circuits" at IITM, Chennai during 24.11.2007 & 25.11.2007.
12. AICTE Sponsored 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.
13. Workshop on "Advancements In Digital Signal And Image Processing" at K.S.R College of Engineering on 03.02.2009.
14. Workshop on "MISSION 10X training" at K.S.R College of Engineering during 03.08.2009 to 07.08.2009.
15. Workshop on "High Impact Teaching Skills" at K.S.R College of Engineering WIPRO (MISSION 10X) 03.08.2010 & 04.08.2010
16. Training program on "Quality management system and audit training" at Sri Sai Ram Institute of Technology on 18.10.2011.
17. SDP on "Soft computing with AI" at Sri Sai Ram Institute of Technology during 18.09.2011 to 28.09.2011.
19. Workshop on "Art of Journal and thesis writing" at Sri Sairam Engineering College on 19.01.2012.
20. Workshop on "Robo Zest '14" at Robo Species Technologies at Sri Sai Ram Institute of Technology during 20.02.2014 & 21.02.2014.
21. Workshop on "How to write Research papers on Refereed Journals" at Sri Sai Ram Institute of Technology on 24.01.2015.
22. Workshop on "Recent trends in renewable energy" at Sri Sai Ram Institute of Technology on 03.03.2015.
23. Faculty Enablement Program on "A Step to Outcome based Accreditation" at Sri Sai Ram Institute of Technology on 04.04.2015.

24. FDP on “Electromagnetic field theory and transmission lines” at Sri Sai Ram Institute of Technology during 25.06.2015 & 26.06.15.
25. FDP on “Crypt Analysis & Internet Security” at Sri Sai Ram Institute of Technology during 27.06.2016 to 29.06.2017.
26. FDP on “Digital Image processing, RF & Embedded System” at Sree Sastha Institute of Engineering and Technology during 20.06.2017 to 22.06.2017.
27. FDP on “Modern teaching and learning methodologies for competency development” at Jeppiaar Maamallan Engineering college during 03.05.2017 to 04.05.2017.
28. 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. Guest lecture on “RF circuit Design” at Sri Sai Ram Institute of Technology on 26.07.2019.
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.
3. 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.
4. Anna University Sponsored FDP on “Computer Networks” at K.S.R College of Engineering, during 27.11.2006 to 09.12.2006