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SAI RAM INSTITUTE OF TECHNOLOGY

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name : D.PUSHGARA RANI

Designation : AP – G II Date of Joining: 04.07.2011

Email : pushgararani.ece@sairamit.edu.in

Qualification : M.E

Specialization : APPLIED ELECTRONICS

Research Interest : Sensor Networks and Microwave

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	ISTE(Life Member),IAENG
Publications	National :NIL
	International:4
	Book :Nil
Research Funded Projects	NIL
Patents	NIL

Achievements	<ul style="list-style-type: none"> • Obtained 100% result RF and Microwave Engineering • Obtained 100% result in Digital Electronics • Obtained 100% result in Communication Theory • Obtained 100% result in Embedded Architecture • Obtained 98% result in Linear Integrated Circuits • Organizes an FDP on Computer Networks
Any Other Information	Got Elite certificate in Outcome Based Pedagogic Principles for Effective Teaching.

List of Publications:-

1. D.Pushgara Rani, A.Sharadha, "Development of Denoising Techniques for Increasing the Image Quality in CT", International Journal of Biomedical Signal Processing, Volume II(January- June 2011),31-36.
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. .D.Pushgara Rani, T.Sivakumar, G.Vishal, S.Sree Krishnan "Emergency Automatic Signaling System" International journal of science and engineering development research",ISSN 2455-2631,December.
4. D.Pushgara Rani, M.Mathina Kauser , A.Jeniffa , A.Pavithra Intelligent Subway Shutter Control System Using Microwave Radar International Journal Of Advance Research In Science And Engineering. ISSN(O)2319-8354,ISSN(P) 2319 -8346 VOL NO :7,ISSUE NO :2

List of Patent :NIL

.Workshop / Conferences / FDP Attended:-

1. " Hands on Training on Deep Submicron CMOS VLSI Design Using Microwind 3.5", organized by Angel college of Engineering on 22.01.2011.
2. 'High Impact Teaching Skills' organized by K.S.R College of Engineering, WIPRO (MISSION 10X) during 03.08.2009 & 04.08.2009.
3. "Advancements in Digital Signal and Image Processing", organized by K.S.R. College of Engineering on 03.02.2009.
4. "Advances in Real Time Embedded System", organized by Reach Information and Communication Systems on 08.01.2005.
5. Workshop on "Recent Trends in Microwave and Optical Communication" Organized by JJ College of Engineering and Technology during 02.12.2004&

03.12.2004.

6. IEEE Madras Section Sponsored FDP on “Semiconductor Devices and Analog Circuits” at Indian Institute Of Technology (IITM), Chennai, during 24.11.2007 & 25.11.2007.
7. AICTE-ISTE Sponsored Short Term Training Programme on “Recent Trends in Signal Processing”, by K.S.R College of Engineering, during 19.03.2007 & 23.03.2007.
8. UGC Sponsored Refresher Course in “VLSI Design”, Organized by Amrita Viswa Vidyapeetham, during 05.12.2007 & 15.12.2007.
9. FDP on “Electromagnetic field theory and transmission lines” at Sri Sai Ram Institute of Technology during 25.06.2015 & 26.06.15.
10. FDP on “Crypt Analysis & Internet Security” at Sri Sai Ram Institute of Technology during 27.06.2016 to 29.06.2017.
11. FDP on “Digital Image processing, RF & Embedded System” at Sree Sastha Institute of Engineering and Technology during 20.06.2017 to 22.06.2017.
12. FDP on “Modern teaching and learning methodologies for competency developement” at Jeppiaar Maamallan Engineering college during 03.05.2017 to 04.05.2017.
13. FDTP on “CS6003-ADHOC and sensor network” at S.A.Engineering college, Chennai at 07.06.2017 to 14.06.2017.
14. 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.
15. 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.
16. 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.
17. 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.
18. D.Pushgara Rani, S.Mythili, “ Five Phase Induction Motor Drives with DSP Based Vector and Direct Torque Control” National Conference on Advancements in Electrical and Mechanical Engineering, February 20-21, 2004.
19. D.Pushgara Rani, S.Mythili, “ Five Phase Induction Motor Drives with DSP Based Vector and Direct Torque Control” National Conference on Intelligence

Techniques, February 24,2004, pp12.

20. D.PushgaraRani,S.Mythili," Five Phase Induction Motor Drives Implementation", National Conference on Recent Trends in Communication Techniques", April 7-8,2004,Volume III,pp179.
21. Workshop on "Robo Zest '14" at Robo Species Technologies at Sri Sai Ram Institute of Technology during 20.02.2014 & 21.02.2014.
22. Workshop on "Recent trends in renewable energy" at Sri Sai Ram Institute of Technology on 03.03.2015.
23. D.Pushgara rani, K.Abiya, S.Aiswarya, M.Chandralekha "Sensor Fusion Robot On The Rope For Industrial Application", International Conference on Science And Innovative Engineering,Jawahar Engineering College,2017.
24. D.Pushgara rani, K.Abiya, S.Aiswarya, M.Chandralekha "Sensor Fusion Robot On The Rope For Industrial Application", NICE 17,Sri Sai Ram Institute of Technology,2017.
- 25.D.Pushgara rani, M.Mathina Kauser , A.Jeniffa , A.Pavithra, Intelligent Subway Shutter Control System Using Microwave Radar, International Conference on Advancements in Engineering and Technology, Dhanish Ahamed College of Engineering
- 26.D.Pushgara rani, K.Gomathi, S.Shruthi, M.C.Vinodhini, An EEG Based Brain Computer Interface Word Recognition and Indication With Talkback System, Third International Conference on innovative and Emerging Trends in Engineering &Technology, Panimalar Institute of Technology.
27. D.Pushgara Rani, M.Mathina Kauser , A.Jeniffa, A.Pavithra, Intelligent Subway Shutter Control System Using Microwave Radar, ARICE 2K17,Sri Sairam Insistute of Technology.
- 26.D.Pushgararani, K.Gomathi, S.Shruthi, M.C.Vinodhini, An EEG Based Brain Computer Interface Word Recognition and Indication With Talkback System, ARICE 2K17,Sri Sairam Insistute of Technology.

Workshop / Conferences / FDP Organized:-

1. Anna University Sponsered FDP on "Computer Networks" at K.S.R College of Engineering, during 27.11.2006 to 09.12.2006
2. Workshop on "How to write Research papers on Refereed Journals" at Sri Sai Ram Institute of Technology on 24.01.2015.
3. Workshop and hands on training in the field of "Electronic Design and Embedded System" at Sri Sai Ram Institute of Technology from 17.07.2017 t022.07.2017.