

Name of Teaching Staff : Revathi A S
Designation : Assistant Professor
Department : Electronics & Telecommunication Engineering
Date of Joining the Institution : 05.01.2015



Qualifications with Class / Grade : 1.M.E in Communication Systems,Kumaraguru College of Technology Anna university,Tamilnadu,First class with distinction CGPA-8.53,2014
2.Btech in Electronics And Communication, MEA Engineering College, Calicut university , Kerala, First class,71.24%,2011

Papers Published : **International: 08**
1.“Histogram Modified Reversible Data Hiding Based on Canny Edge Detection and Prediction Error expansion” IJCA Proceedings on International Conference on Computer Technology ICCT 2015(2):11-16, September 2015.
2.“Embedding Audio inside a Digital Video Using LSB Steganography” Proceedings of the 10th INDIACom; INDIACom-2016; IEEE Conference ID: 37465
3.Revathi A S., Harshit Desai and IshanKathuria. "Embedded Web Server". *International Journal of Computer Applications*153(10):37-40, November 2016.
4..Revathi A.S, Sanamdeep Singh Anand, TejaswinGumber, "Traffic Sign Detection Using MATLAB", *International Journal of Science and Research (IJSR)*,<https://www.ijsr.net/archive/v5i11/v5i11.php>, Volume 5 Issue 11, November 2016, 1251 - 1254,
5.Revathi A S,PreetiJha,RohanParab, "Sclera Pattern Recognition for Identification" <http://www.ijcaonline.org/archives/volume156/number7/26723-2016912470>
ISBN : 973-93-80895-17-1

6. Revathi A. S., Ojas Barve, Neeraj Ramkumar, "An Intelligent System to Avoid Collision in Vehicle based on Can Protocol", <http://www.ijcaonline.org/archives/volume155/number9/26637-2016912436>
ISBN : 973-93-80895-06-1

7. Revathi A. S., Charvi Jain, Khusboo Korani, "Use of E and V Spectrum Bands for providing IoT in Rural Areas through Optical Fiber Communication"
<http://www.ijcaonline.org/archives/volume158/number2/26881-2017912748>
ISBN : 973-93-80895-39-0

8. Pranit Ghag, Vineet Kanetkar, Revathi A. S., "Smart mirror using artificial Intelligence", international journal of computer applications 181(26):18-21, November 2018

Papers Presented in conferences

National:-

1) Presented a paper titled "**Location map based reversible data hiding based on histogram shifting**" in TEQIP - II Sponsored National Conference On Communication Systems and VLSI Design (NCCSVD 2014) conducted by ECE Dept. of PSG College of Technology, Coimbatore on 30/01/2014.

2) Presented a paper titled "**Efficient Reversible data hiding scheme for performance improvement in grayscale images**" in TCS and TNSC sponsored national conference on Computing, Communication and Information systems (NCCCIS 2014) conducted by IT Dept. of Sri Krishna College of Engineering Technology, Coimbatore on 07/02/2014.

3) Presented a paper titled "**Prediction error expansion based Reversible data hiding for color images using cross channel correlation**" in the national conference on Communication, Information & Telematics (CITEL 2014) conducted by ECE Dept. of Kumaraguru College of Technology, Coimbatore on March 13th and 14th, 2014

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