



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**

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. . "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,OjasBarve,NeerajRamkumar,” 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, KhusbooKorani, “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,ovember 2018.

9. Published a paper titled “**A Novel Approach to Implement Decentralized Voting System using Block chain**” in Proceedings of International Conference on Wireless Communication pp 471-479, Part of the Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT, volume 36).

10. V. Kelkar, A. S. Revathi and K. Tuckley, "**Analysis of Different Font Types and Sizes for High Quality Watermarked, Extracted Watermark and Medical Images Using HS Based Reversible Watermarking,**" *2019 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT)*, Kanpur, India, 2019, pp. 1-7, doi: 10.1109/ICCCNT45670.2019.8944639.

➤ **Papers Presented in conferences**

- **National:-**

1. Presented a paper titled “**Location map based reversible data hiding based on histogram shifting**”inTEQIP - 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

- **International:-**

1. Presented a paper titled “, "Analysis of Different Font Types and Sizes for High Quality Watermarked, Extracted Watermark and Medical Images Using HS Based Reversible Watermarking,"” in **International conference on Computing Communication & Network Technologies (ICCCNT 2019)** conducted by IIT., Kanpur on 6-8 July 2019.

2. Presented a paper titled “**Histogram Modified Reversible Data Hiding Based on Canny Edge Detection and Prediction Error expansion**” in the **International Conference on Communication Technologies (ICCT 2015)** conducted by EXTC Dept., DJSCE on 25-26 September 2015

➤ **SHORT TERM TRAINING PROGRAMS ATTENDED**

1. Attended One week STTP on “Academic Innovations in Industry 4.0” a during 14 December to 19 December 2020 organized by E&TC Dept., VIT, Pune sponsored by AICTE

2 Participated in one week induction program on “ADSP-Road map to Machine Learning” from 7 January-11 January 2020 organized by DJSCE, Mumbai

3. Attended AICTE-ISTE approved induction program on “Recent Trends in Wireless Networks” held during 2/1/2019 to 7/1/2019 organized by DJSCE, Mumbai.

4. Participated in the AICTE-ISTE approved one week STTP on “Insight of Machine Learning and Deep Learning” organized by department of computer engineering, DJSCE from 2nd to 6th July 2018.

5. Attended ISTE approved one week STTP on “IoT: Recent Trends and Multidisciplinary Applications” during 13 June to 18 June, 2016 at TCET, Mumbai.

➤ **FACULTY DEVELOPMENT PROGRAMS ATTENDED**

1. Participated in three Days Online Faculty Development Program on “Academic Transformation with Secrets of Empowerment” held during 23 July, 2020 to 25 July, 2020 organized by RGIT, Mumbai

2. Participated in FDP on SCILAB by spoken tutorial from 26th may 2020 to 30th May 2020.

3. Participated in one week online FDP on Data Science from 26th- 30th May 2020 organized by Fr. Conceicao Rodrigues College of Engineering, Mumbai

4. Participated in FDP on R programming by spoken tutorial from 18th may 2020 to 23rd May 2020.

5. Participated in FDP on “WAVELETS” during 2nd and 3rd August 2019 at DJSCE.

6. Participated in FDP on “Active Teaching Learning Strategies using Innovative Technology” during 25th Feb to 26th Feb 2019 organized by DJSCE, Mumbai.

➤ COURSERA COURSES/PROJECTS

- 1) AI for everyone_
- 2) Assessment in Higher Education Professional
- 3) Learning to Teach Online_
- 4) Programming for Everybody (Getting Started with Python)
- 5) Bits and Bytes of computer networking
- 6) Predicting House Prices with Regression using TensorFlow
- 7) NLP TWITTER SENTIMENT ANALYSIS
- 8) Tweet emotion recognition using tensorflow
- 9) Sentiment Analysis with Deep Learning using BERT
- 10) Perform Sentiment Analysis with scikit-learn Completed
- 11) COVID 19 DATA ANALYSIS USING PYTHON

➤ ADDITIONAL TRAINING/CERTIFICATIONS

1. IBM TRAINING on “PREDICTIVE ANALYSIS” during 1/1/2020 to 4/1/2020
2. Diploma in .Net Technologies from NIIT.
3. Certification on LINUX from TECH NETWORKS

➤ **Professional Memberships :** **ISTE membership**