

RESUME



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CAREER OBJECTIVE

I would like to devise captivating, fascinating, and unique practices of teaching that creates interest in the students. With the help of my cordial nature, I would like to build good rapport with students as well as teachers around me.

I. EDUCATION PROFILE

1. Ph.D. pursuing in Andhra University in the area of Image Processing (Supervisor: Prof. M.V.S. Sairam, Dept. of ECE, Gayatri Vidya Parishad College of Engineering (A), Visakhapatnam, AP
2. M.Tech. (Digital Systems and Signal Processing) in GITAM University, Visakhapatnam (First Class with distinction) in 2010.
3. B.Tech. (ECE) from Thandrapaparaya Institute of Science and Technology, Affiliated to J.N.T.U, Hyderabad with First Class in 2008
4. Diploma (ECE) from Govt Polytechnic College, Narsipatnam in 2005
5. SSC from Z.P High School, Lankalapalem with First Class in 2001.

II. WORK EXPERIENCE

1. Working as Assistant Professor in Department of Electronics and Communication Engineering, GVP College for Degree and PG Courses(A), Rusikonda, Visakhapatnam. Since 12th June 2023 to till date.
2. Worked as Associate Professor in Department of Electronics and Communication Engineering, Chaitanya Engineering College, Visakhapatnam. Since 10th June 2013 to 09.06.2023.
3. Worked as Assistant Professor in Department of Electronics and Communication Engineering, Swamy Vivekananda Engineering College, Bobbili since 12th June 2010 to 31st May 2013.

III. INTERNATIONAL JOURNAL PUBLISHED

1. Raju Egala, M.V.S. Sairam “A Review on Medical Image Analysis Using Deep Learning” *Eng. Proc.* 2024, 66, 7. <https://doi.org/10.3390/engproc2024066007>
2. Raju Egala, M.V.S. Sairam “A Comprehensive Review on the Detection of Critical Cancers through Deep Learning Approaches” *Journal of Xidian University* VOLUME 17, ISSUE 11, 2023.
3. Koustubha Priya Mudigonda, Raju Egala “A Deep Learning model for COVID-19 Classification using Chest X-Ray Images” *Journal of Engineering Sciences* Issue 05 vol 14, pp 871-881, 2023.
4. Sarada K, Raju E “Implementation of Filter bank Multi Carrier System Using Doubly Selective Channel Estimation” *The International Journal Of Analytical And Experimental Modal Analysis*, issue. 4, vol. 13, pp. 600-611, Apr. 2021.

IV. PATENTS

1. Title: MEDICAL IMAGE ANALYSIS DEVICE FOR DIAGNOSIS OF DISEASES.

Grant date: 19 September 2023.

Country: UK

2. Title: DISASTER MANAGEMENT ALERT DEVICE

Grant date: 23 November 2023.

Country: UK.

V. FACULTY DEVELOPMENT PROGRAM

1. Participated in 10 Hours National Faculty Development Program on [Machine Learning And Artificial Intelligence](#) organized by Andhra Pradesh State Skill Development Corporation (APSSDC)
2. Participated in 10 Hours National Faculty Development Program on [NLP, Computer Vision and Artificial Intelligence](#) organized by Andhra Pradesh State Skill Development Corporation (APSSDC).
3. Completed [Deep Learning](#), organized by NPTEL-AICTE.

VI. NPTEL COURSES

1. Deep Learning

VII. SEMINARS AND WORKSHOPS ATTENDED.

1. Five day National E-Workshop on Medical image analysis using Artificial Intelligence organized by Gayatri Vidya Parishad College of Engineering(A), Visakhapatnam April 2023
2. One day webinar on Writing A Research Paper For Good Indexed Journals organized By DIET Engineering college Anakapalli in May 2020
3. One day webinar on Digital Logic design using VLSI organized By Sri Chandrasekharendra Saraswathi ViswaMahavidyalaya May 2020
4. Two Day's Workshop on Embedded And MATLAB Programming at swamy Vivekananda engineering college in Sep 2012.

5. Two Day's Workshop on Chip Design And Ecad Tools at swamy Vivekananda engineering college in Aug 2012.
6. Two Day's Workshop on security in Embedded at JNTUK Vizianagaram in Dec 2011.

VIII. SUBJECTS TAUGHT

1. Digital Image Processing
2. Pulse & Digital Circuits
3. Linear IC Applications
4. Signals & Systems
5. Digital Signal Processing
6. Embedded Systems
7. Computer Networks
8. Internet of Things

VII. ADMINISTRATIVE EXPERIENCE

- Worked as Head of the Department
- In-charge, College Examination Cell

VIII. PROGRAMING SKILLS:

- PYTHON
- MATLAB
- PSPICE

IX. PERSONAL DETAILS

Name : Raju Egala.

Father's Name : Appalanaidu.

Date of Birth : 08-08-1986

Marital Status : Married

Nationality : Indian

Address : Dr. No.: Plot No.: 303, Sree Towers, Akkayya Palem, Visakhapatnam

X. DECLARATION

I hereby declare that all the data and information provided above are true and correct to the best of my knowledge and I hold responsible myself for any irregularities if found.

RAJU EGALA