

# A. Ravi Raja



**Designation** : Assistant Professor  
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 Velagapudi Ramakrishna Siddhartha Engineering College,  
 Kanuru, Vijayawada, Krishna dist., Andhra Pradesh 520007.

## Education

### Ph. D, Pursuing (Biomedical Signal Processing)

2019, SRM University, Chennai

### M.Tech (Communication Engineering & Signal Processing)

2013, Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Krishna dist., AP

### B.Tech (Electronics and Communication Engineering)

2011, Vasireddy Venkatadri Institute of Technology, Nambur, Guntur dist., AP

## Experience

Period	Designation	Institution / Organization
2014 to Till date	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College
2013 Nov -2014 Apr	Research Fellow	Velagapudi Ramakrishna Siddhartha Engineering College

## Research Interests

### Broad Area of Research :

- Bio-medical Signal Processing
- Digital Image Processing
- Remote sensing Applications

## Courses Taught

### UG:

Electronic Devices and Circuits

Digital Image Processing

Advanced Wireless Communications

Global Navigation and Satellite Systems

Satellite Communications

Computer Networks

**PG:**

Advanced Digital Communications

Advanced Digital Image Processing

## Research Profile

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### Publications

The recent publications and research contributions can be viewed from the following URLs

<b>Google Scholar</b>	<a href="https://scholar.google.com/citations?user=we6WVRAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=we6WVRAAAAJ&amp;hl=en</a>
<b>Scopus</b>	<a href="https://www.scopus.com/authid/detail.uri?authorId=24776512000">https://www.scopus.com/authid/detail.uri?authorId=24776512000</a>
<b>ORCID</b>	<a href="http://orcid.org/0000-0001-9543-0860">http://orcid.org/0000-0001-9543-0860</a>
<b>Publons</b>	<a href="https://publons.com/researcher/3700200/raviraja-akurathi/">https://publons.com/researcher/3700200/raviraja-akurathi/</a>
<b>Research Gate</b>	<a href="https://www.researchgate.net/profile/Raviraja_Akurathi2">https://www.researchgate.net/profile/Raviraja_Akurathi2</a>
<b>LinkedIn</b>	<a href="https://www.linkedin.com/in/raviraja-akurathi-08326075/">https://www.linkedin.com/in/raviraja-akurathi-08326075/</a>

### Funded Research Projects

<b>Completed</b>	03	<ol style="list-style-type: none"><li>1. Development of Image Processing methods for assessing the content of Trees outside Forest Area (TOF) using IRSHigh Resolution Satellite Images.</li><li>2. Development and Evaluation of Algorithms for automated Tree Delineation and Tree Parameters (Height and CrownDiameter) Estimation for Forestry Applications</li><li>3. Development of Web Based Tools for online/offlineInclusion of Value-added Services and Analysis onBHUVAN for High Resolution Satellite Imagery</li></ol>
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### Patents

<b>Applied</b>	01
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### Professional Development Activities - Participations

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<b>Faculty Development and Training Programmes(at least 5 Days)</b>	10
<b>International / National Level Seminars</b>	06
<b>International / National Level Conferences</b>	0/2
<b>Workshops</b>	07
<b>Instructor Led / Self-Paced Courses</b>	10
<b>Webinars</b>	06

## Professional Bodies Membership Details

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IEEE-ID : 92485146	IEEE Membership IEEE Young Professionals IEEE Signal Processing Society Membership IEEE Council on RFID IEEE Biometrics Council
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(A Ravi Raja)

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