

# Dr Pallikonda Sarah Suhasini



**Designation** : Associate Professor  
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**Contact at** : EC326, Department of Electronics and Communication Engineering,  
Velagapudi Ramakrishna Siddhartha Engineering College,  
Kanuru, Vijayawada, Andhra Pradesh , 520007.

## Education

### Ph. D (Electronics and Communication Engineering)

2015, Jawaharlal Nehru Technological University Hyderabad

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

2005, Jawaharlal Nehru Technological University, Anantapur

### M.S (Electronics and Control Engineering)

1999, Birla Institute of Technology and Science, Pilani

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

1990, S V H College of Engineering, Machilipatnam

## Experience

Period	Designation	Institution / Organization
2016-Till date	Associate Professor	Velagapudi Ramakrishna Siddhartha Engineering College
2005-2016	Associate Professor	DMS SVH College of Engineering, Machilipatnam
1998-2005	Assistant Professor	DMS SVH College of Engineering, Machilipatnam
1990-1998	Lecturer	Smt. T K R Polytechnic for Women, Pamarru

## Research Interests

### Broad Area of Research :

Image Processing, Computer Vision, Machine Learning

## Courses Taught

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- Digital Communication
- Digital Signal Processing
- Machine Learning
- Artificial Neural Networks
- Signals and Systems
- Random Variables and Stochastic Processes
- Analog Communication
- Digital Image Processing
- Detection and Estimation Theory
- Digital Signal Processors and Architecture
- Electronic Devices and Circuits
- Universal Human Values

## 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=9NFzxhQAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=9NFzxhQAAAAJ&amp;hl=en</a>
<b>Scopus</b>	<a href="https://www.scopus.com/authid/detail.uri?authorId=26028116500">https://www.scopus.com/authid/detail.uri?authorId=26028116500</a>
<b>ORCID</b>	<a href="https://orcid.org/0000-0002-8822-9496">https://orcid.org/0000-0002-8822-9496</a>
<b>Publons</b>	<a href="https://publons.com/researcher/3383866/pallikonda-sarah-suhasini/">https://publons.com/researcher/3383866/pallikonda-sarah-suhasini/</a>
<b>Research Gate</b>	<a href="https://www.researchgate.net/profile/Ps_Suhasini">https://www.researchgate.net/profile/Ps_Suhasini</a>
<b>LinkedIn</b>	<a href="https://www.linkedin.com/in/sarah-suhasini-0114501b0/">https://www.linkedin.com/in/sarah-suhasini-0114501b0/</a>

### Recognized Research Supervisor

S.No.	Department	University
1.	Electronics and Communication Engineering	Jawaharlal Nehru Technological University, Kakinada

## Funded Research Projects

Completed	02 As Investigator/member in <ol style="list-style-type: none"><li>1. ISRO - Atmospheric Science Project at DMS SVH College of Engineering, Machilipatnam, 2008-2013</li><li>2. NRSC-RESPOND project titled Development and Evaluation of algorithms for automated tree delineation and tree parameters ( height and crown diameter) estimation for forestry applications- 2017-2019</li></ol>
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## Patents

Published	01
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## Invited Talks

No. of Invited Talks	02
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## Professional Service / Reviewer

- Reviewer in Journal of Intelligent & Fuzzy Systems, IOS Press

## Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	7
International / National Level Seminars	NIL/ 2
International / National Level Conferences	4 / NIL
Workshops	9
Instructor Led / Self-Paced Courses	7
Webinars	2

## Professional Bodies Membership Details

M174390	Institution of Electronics and Telecommunication Engineers(IETE)
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