

# SANDEEP VEMURI



**Designation** : Assistant Professor  
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**Contact at** : C157, Department of Computer Science and Engineering,  
Siddhartha Academy of Higher Education,  
Deemed to be University, Kanuru, Vijayawada, Andhra  
Pradesh 520007.

## Education

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### **Ph. D (Information Technology & Computer Application)**

*Perusing, AU College of Engineering, Andhra University, Vishakhapatnam, Andhra Pradesh*

### **M.Tech (IT-Networking)**

*2011, VIT University, Vellore, Tamil Nadu*

### **B.Tech (Information Technology)**

*2007, RVR & JC College Of Engineering ,Acharya Nagarjuna University Guntur, Andhra Pradesh*

## Experience

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| <b>Period</b>       | <b>Designation</b>  | <b>Institution / Organization</b>   |
|---------------------|---------------------|---|
| July,2018 – Present | Assistant Professor | Dept OF CSE, Siddhartha Academy of Higher Education (Deemed to be University) |
| 2011-May,2018       | Assistant Professor | Department of CSE, KL University (Deemed To be University)                    |

## Research Interests

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### **Broad Area of Research :**

- Machine Learning, Deep Learning, Image Processing, XAI

## Courses Taught

| S.No | Course Name   | Level (UG/PG) |
|------|---|---------------|
| 1    | <b>Programming :</b><br>Python, Java, C, Data Structures  | UG            |
| 2    | <b>Stack:</b><br>Full Stack Web Development (MERN Stack)  | UG            |
| 3    | <b>Computer Science CORE:</b><br>Database Management Systems, Operating Systems, Theory of Computation, Compiler Design | UG            |

## Research Profile

### Publications

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

|                |   |
|----------------|---|
| Google Scholar | <a href="https://scholar.google.com/citations?user=-2xAIFIAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=-2xAIFIAAAAJ&amp;hl=en</a> |
| Scopus         | <a href="https://www.scopus.com/authid/detail.uri?authorId=57194725224">https://www.scopus.com/authid/detail.uri?authorId=57194725224</a>       |
| ORCID          | <a href="https://orcid.org/0009-0007-7188-4359">https://orcid.org/0009-0007-7188-4359</a>   |
| Research GATE  | <a href="https://www.researchgate.net/profile/Sandeep-Vemuri">https://www.researchgate.net/profile/Sandeep-Vemuri</a>                           |

### Administrative Roles

| S.No. | Role                                   | Institution | Duration       | Responsibilities                                    |
|-------|--|-------------|----------------|---|
| 1.    | SPOC, Google Women Engineering Program | SAHE        | 2019-Till date | To encourage women employment in IT industry        |
| 2.    | SPOC, Atal data                        | CSE, SAHE   | 2021-Till date | Representing dept of CSE in submission of ATAL DATA |

## Certifications/MOOC Courses Completed

| S.No. | Title                                | Platform | Duration | Year |
|-------|--------------------------------------|----------|----------|------|
| 1.    | Deep Learning                        | NPTEL    | 12 WEEKS | 2024 |
| 2.    | Database Management Essentials       | COURSERA | 8 WEEKS  | 2020 |
| 3.    | Machine Learning A-Z Hands on Python | UDEMY    | 50 Hours | 2021 |
| 4.    | 2022 python Bootcamp -Jos Portilla   | UDEMY    | 50 Hours | 2022 |

## Patents

| S.No | Title             | Status    | Application No. | Year |
|------|-------------------|-----------|-----------------|------|
| 1.   | Australian Patent | Published | 202241035418    | 2023 |

## Professional Development Activities - Participations

|   |    |
|---|----|
| Faculty Development and Training Programmes (at least 5 Days) | 15 |
| International / National Level Seminars                       | 03 |
| International / National Level Conferences                    | 14 |
| Workshops   | 05 |
| Webinars  | 10 |

## Professional Bodies Membership Details

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| S.No. | Membership No. | Society Name |
|-------|----------------|--------------|
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(V.SANDEEP)

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