

## PROFILE

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|-------------------------------|---|
| Name                          | Karangula Navya   |
| Position & Affiliation        | Assistant Professor, Department of ISE  |
| Areas of Interest             | Internet of Things, Artificial Intelligence, Machine Learning and Data Science. |
| Email                         | Navya.ise@cambridge.edu.in  |
| LinkedIn ID                   | -   |
| Google Scholar ID             | <a href="#">JWs-XTgAAAAJ</a>  |
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| Vidwan ID                     | 185262  |
| Scopus ID                     | -   |
| Professional Webpage (if any) | -   |

### **Educational Qualifications:**

|       |  |       |      |
|-------|--|-------|------|
| Ph.D  | -  | -     | -    |
| MTech | Malla Reddy College of Engineering, JNTUH                            | India | 2014 |
| BE    | KITE Women's College of Professional engineering and Sciences, JNTUH | India | 2012 |

### **Areas of Research:**

Internet of Things, Artificial Intelligence

### **Brief Profile:**

Completed B.Tech degree in CSE from Jawaharlal Nehru Technological University Hyderabad and M.Tech degree in CS from Jawaharlal Nehru Technological University Hyderabad. Worked in Malla Reddy Group of Institutions Hyderabad. Guided IBM – TGMC projects in 2016. Having 10 years of teaching experience and associated with Cambridge Institute of Technology from Dec 2022.

### ***Guiding students at various levels (BE, MTech and PhD)***

Guided 20 Major projects, mini projects and micro projects for B.Tech students.

### **Awards/Achievements/Others:**

- Received Gold partner faculty under Inspire - The Campus Connect Faculty Partnership Model 2017 from Infosys.

- Mentored college teams during IBM TGMC 2016 competition.

**Courses Taught:**

Operating System, Computer Networks, Java, Object Oriented Analysis and Design, C Language, C++, Python, Software Engineering and Data Warehousing and Data Mining, Data Base Management Systems, Mobile Application Development.

**Publications/Patents:**

|                    |  |
|--------------------|--|
| Publications       | <ul style="list-style-type: none"> <li>• Published a paper titled “Design and Implementation of an Android Application for Management of Events” in (JARDCS vol 7, no.3.6)</li> <li>• Presented a Paper on “Phone Mode Conversion” in IEEE International conference on Electronics, Communication and Aerospace Technology (ICECA 2017).</li> <li>• Presented a Paper on “Design and Implementation of a Store Management System” in IEEE International conference on Electronics, Communication and Aerospace Technology (ICECA 2017)</li> <li>• Presented a paper on “Machine Learning and Mining for Social Media Analytics” in Springer AICC conference 2018.</li> <li>• Published a paper titled “Design of smart mobile case framework based on the internet of Things” in Springer ISBN978-981-13-1580-0 2018.</li> <li>• Published a paper titled “Shrewd shelf management by Using IoT” in JARDCS Volume 11 Issue: Special 2018.</li> <li>• Published a paper title “DETECTION OF FAKE CURRENCY USING MACHINE LEARNING TECHNIQUES” in IJCRT Volume 12, Issue 5 May 2024 ISSN: 2320-2882</li> <li>• Published a paper title “TRAFFIC PREDICTION FOR INTELLIGENT TRANSPORTATION SYSTEM” in IJCRT Volume 12, Issue 5 May 2024 ISSN: 2320-2882</li> </ul> |
| Patents            | -  |
| Book/Book Chapters | -  |

**Research and Consultancy: Nil**