

Name: Karnam Akhil
Designation: Assistant Professor
Department: Computer Science and Engineering
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Experience (in years): Teaching: 6 Months Research: Others (if any, specify):

1. Educational / Technical qualifications:

S. No	Level (UG / PG / Ph. D)	Year of passing	Specialization
1.	PG	2022	CSE
2.	UG	2019	CSE

2. Teaching and Learning:

- 2.1. Teaching Interests: Cognitive Science, Cognitive Engineering, Knowledge Engineering, Design and Analysis of Algorithms, Data Mining and Data Warehousing, Discrete Mathematics, Theory of Computation, Operating System
- 2.2. Novel Teaching & Learning Techniques adopted: Learning by doing, Chalk and board, PPT, NPTEL
- 2.3. Involvement in curriculum updating / Design:

3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Exploring the facts and beliefs & Research
- 3.2. CCA/ECA Organized:
- 3.3. CCA/ECA participated:
- 3.4. Counseling and Mentoring Activity:
- 3.5. Committees involved in:
Department level:
Institute Level:

4. Conference / Workshop / Seminar / Guest Lectures:

- 4.1 Conducted:
 - ❖ Conducted workshop on “*Basics of Visual Thinking*” for faculty of VNR Vignana Jyothi Institute of Engineering and Technology dated on May 30 2023.
- 4.2 Attended:
 - ❖ **Attended 4th IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-22)**, Presented and published paper on **Semantic Knowledge base Ontology framework For Discovery Phase of Design thinking using Web Ontology Language**
 - ❖ **Attended the pre-conference workshop on Recent Applications and Hands on sessions in Natural language Processing (NLP) using ML and DL Approaches during ICACECS-2022 from 8th -10th, August 2022.**
 - ❖ **Attended 4th IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-22)**, presented and published paper on **Semantic**

Approach for the classification of Knowledge representation and reasoning analysis

- ❖ Attended *4th IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-22)* , Presented and Published paper on Semantic-Web approach for building Classification of Nature’s Knowledge-based using Web-Ontology Language
- ❖ Attended *4th IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-22)*, published paper entitled on [Travelling Sales Person Problem Using Soft Computing – Genetic Algorithm Techniques](#)
- ❖ Attended *4th IEEE International Conference on Advances in Computing, Communication Control and Networking (ICAC3N-22)* published paper [Breast Cancer Prognosis using Machine Learning Techniques: A Literature Survey](#)
- ❖ Attended ICACETACET 2022 Conference and published paper entitled on” Ontology Web language for Cognitive Design Thinking”
- ❖ Attended ICACECS 2021Conference and Published paper on DeepNeural Networks model to Detect Glaucoma in Prima Phase.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: NA

5.2. Articles / Chapters published in Books: NA

5.3. Books published as single author or as editor: NA

5.4. Projects Guided:

a) UG: 1 b) PG:

5.5. Research Interests: Cognitive Science, Knowledge Engineering

5.6. Ph. D students: NA

a) Enrolled:

b) Submitted:

c) Awarded:

5.7. Papers published in reviewed journals:

S.NO	TITLE OF THE PAPER	JOURNAL	ISSN/ ISBN No/ Page no	Journal Indexing	First Author	Corresponding Author
1.	Building Semantic Knowledge base for the Visual Perception- Cognitive ability of Neuropsychology using Web Ontology Language	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	2147-6799 Volume-10 Issue-4 Page no: 752-760	Scopus	✓	✓

2.	Semantic Knowledge Base Framework for Social Psychology, Abnormal Psychology, Developmental Psychology Using Web Ontology Language	Gongcheng Kexue Yu Jishu/Advanced Engineering Science AES-30-09-2022-0104	2096-3246	Scopus	✓	✓
3.	A Framework for Knowledge Mining in Multi-Disciplinary Fields	INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH	2349-5162	Google Scholar		✓
4.	ONTOLOGY WEB LANGUAGE FRAMEWORK FOR COGNITIVE DESIGN THINKING	Remittances Review	2059-6588 Volume 12 , Issue 4 1488-1496	Scopus		✓

5.8. Papers presented at National / International Journals:

S.NO	TITLE OF THE PAPER	CONFERENCE	ISSN/ ISBN No	First Author	Corresponding Author
1.	Deep Neural Networks Model to Detection Glaucoma in Prima Phase	2nd INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTER ENGINEERING AND COMMUNICATION SYSTEMS (ICACECS-2021)	978-981-16-7389-4 Page no.461-469 DOI https://doi.org/10.1007/978-981-16-7389-4_45 Online ISBN 978-981-16-7389-4 Print ISBN 978-981-16-7388-7	✓	
2.	ONTOLOGY WEB LANGUAGE FRAMEWORK FOR COGNITIVE DESIGN THINKING	International Conference on Exploring Colossal Technological Advances of the 21 st Century in Science, Engineering and Technology (ICECTACSET-2022)	2059-6588	✓	✓

3.	Semantic Knowledge Base Ontology Framework for Discovery Stage of the Design Thinking Using Web Ontology Language	4th International Conference on Advances in Computing, Communication Control and Networking (ICAC3N–22)	978-1-6654-7436-8 Page No: 49-55 https://doi.org/10.1109/ICAC3N56670.2022.10074380 ISBN:978-1-6654-7437-5 Electronic ISBN:978-1-6654-7436-8	✓	✓
4.	Travelling Sales Person Problem Using Soft Computing – Genetic Algorithm Techniques	4th International Conference on Advances in Computing, Communication Control and Networking (ICAC3N–22)	978-1-6654-7436-8 Page no 790-800 https://ieeexplore.ieee.org/abstract/document/10074398		✓
5.	Semantic Approach for the classification of Knowledge representation and reasoning analysis	4th International Conference on Advances in Computing, Communication Control and Networking (ICAC3N–22)	978-1-6654-7436-8 Page no 101-107 https://ieeexplore.ieee.org/abstract/document/10074398	✓	✓
6.	Semantic-Web approach for building Classification of Nature’s Knowledge-based using Web-Ontology Language	4th International Conference on Advances in Computing, Communication Control and Networking (ICAC3N–22)	978-1-6654-7436-8 Page no 78-83 https://ieeexplore.ieee.org/abstract/document/10074398		✓
7.	Detection of Breast Cancer at Early stages using Machine Learning Techniques	4th International Conference on Advances in Computing, Communication Control and Networking (ICAC3N–22)	978-1-6654-7436-8 Page no 389-394 https://ieeexplore.ieee.org/xpl/conhome/10073967/proceeding ISBN:978-1-6654-7437-5 Electronic ISBN:978-1-6654-7436-8		

5.9. Sponsored research Projects: NA

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: NA

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received:

- ❖ Received **Prof. S. Venkateshwara Rao GOLD MEDAL** for the **Best Outgoing Student of the Institute among all M.Tech. specializations** instituted by VNR VJIET for the academic year **2021-2022.**
- ❖ Received **GOLD MEDAL** for the **Best Outgoing Student in M.Tech. Computer Science & Engineering** instituted by VNR VJIET for the academic year **2021-2022.**
- ❖ Received **First position, Best Project Award and Cash prize of Rs 12000/- in M.Tech. Computer Science & Engineering** entitled **“Building Ontology for Cognitive Design Thinking using Web Ontology Language.**
- ❖ Received **Best Student Research Project** guided for UG students on the domain **Knowledge Engineering- Cognitive Science** entitled **“Building a Semantic Knowledge base Intelligent system for Organization of knowledge in the Human brain.”**

7. Motto: Teaching and Research is divine. Achieve your goals until you succeed.