

# Y NARASIMHULU

Research Scholar ◇ University of Hyderabad

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Find out my work at <https://github.com/Narasim>

## EDUCATION

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### Ph.D.

January 2019 - Present

- Pursuing Ph.D.(Machine Learning), at **SCIS, University of Hyderabad**, Hyderabad.

### M.Tech

2009 - 2011

- Post Graduation (Computer Science) from **St.John's College of Engineering and Technology**, Yemmiganur.

## ACHIEVEMENTS

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S.No.	Board and Exam	Award	Qualifying Year
1	UGC - NET	Junior Research Fellow(JRF)	July - 2018
2	UGC - NET	Assistant Professor	July - 2018
3	UGC - NET	Assistant Professor	December - 2017
4	UGC - NET	Assistant Professor	June - 2014
5	GATE	Computer Science	2019

## EXPERIENCE

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### Assistant Professor

June 2011 - October 2012

*1.4 Years*

- Worked as “ASSISTANT PROFESSOR” at St. JOHNS’ COLLEGE OF ENGG. AND TECHNOLOGY

### Assistant Professor

October 2012 - December 2018.

*6.2 Years*

- Worked as “ASSISTANT PROFESSOR” at RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

## RESEARCH INTERESTS

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Clustering	Matrix Approximations
Nearest Neighbors	Scheduling in Fog Environment
Evolutionary Algorithms	Optimization Algorithms

## RESEARCH EXPERIENCE

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A **Junior Research Fellow** from January 2019 to December 2020 at University of Hyderabad.

A **Senior Research Fellow** from January 2021 to Present at University of Hyderabad.

## SUBJECTS TAUGHT

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Design and Analysis of Algorithms	Operating Systems
Data Structures	Database Management Systems
Advanced Data Structures and Algorithms	Java and Web Technologies
Web Programming	Mobile Application Development

## PROFESSIONAL AFFILIATIONS

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- Life Long Member of Indian Society for Technical Education(ISTE).

## TECHNICAL STRENGTHS

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<b>Computer Languages:</b>	C, Python, & C++
<b>Subjects of Interest:</b>	DAA , OS, DS, & DBMS
<b>Programming</b>	Numpy, Pandas, & sklearn

## PAPERS PUBLISHED

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- **Y Narasimhulu, Ashok Suthar, Raghunadh Pasunuri, V China Venkaiah (2021), “CKD-Tree: An Improved KD-Tree Construction Algorithm”**, Published in Proceedings of the International Semantic Intelligence Conference 2021(ISIC 2021), CEUR Conference Proceedings(CEUR-WS.org).
- **Narasimhulu Y., Pasunuri R., Venkaiah V.C. (2021), “Nearest Neighbors via a Hybrid Approach in Large Datasets: A Speed up.”**, In: Chaki N., Pejas J., Devarakonda N., Rao Kovvur R.M. (eds) Proceedings of International Conference on Computational Intelligence and Data Engineering. Lecture Notes on Data Engineering and Communications Technologies, vol 56. Springer, Singapore.
- **Vardhani P.R., Priyadarshini Y.I., Narasimhulu Y. (2019), “CNN Data Mining Algorithm for Detecting Credit Card Fraud.”**, Published in Soft Computing and Medical Bioinformatics. SpringerBriefs in Applied Sciences and Technology. Springer, Singapore.
- **K.Vinod Kumar Reddy, Y. Narasimhulu, “Proficiently Sharing Data Using Name Based Routing Algorithm in Big Data.”**, Published in International Journal of Trend in Research and Development (IJTRD), ISSN:2394-9333, Special Issue - RIET-17 , December 2017.

## WORKSHOPS CONDUCTED

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- An A.P.S.S.D.C. 10 day training programme on **‘C-Programming and Computer Fundamentals’** at ‘Govt. Silver Jubilee College’, Kurnool.
- An A.P.S.S.D.C. 10 day training programme on **‘C-Programming and Computer Fundamentals’** at ‘Sri Ramakrishna Degree College and National Degree College’, Nandyal.
- An A.P.S.S.D.C. 1 day training programme on **‘C-Programming and Data Structures’** at ‘Chalapathi Institute of Engineering and Technology’, Guntur.
- An A.P.S.S.D.C. 2 day training programme on **‘C-Programming and Data Structures’** at ‘QIS College of Engineering & Technology’, Ongole.
- An A.P.S.S.D.C. 1 day campus training programme on **‘C-Programming and Data Structures’** at ‘QIS College of Engineering & Technology’, Ongole.

## CONFERENCES ATTENDED

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- **“International Semantic Intelligence Conference(ISIC - 2021)”**, at MERI College of Engineering & Technology, New Delhi, India 2021.
- **“Third International Conference on Computational Intelligence & Data Engineering(ICCIDE - 2020)”**, at Vasavi College of Engineering(Autonomous), Hyderabad, Telangana, India 2020.
- **“Second International Conference on Cognitive Science and Artificial Intelligence(ICCSAI - 2018)”**, at Sree Vidhyanikethan Engineering College(Autonomous), Tirupati, Andhra Pradesh India 2018.

- “National Level Conference on Recent Innovations in Engineering and Technology-2017”, at G.Pullaiah College of Engineering and Technology(Autonomous), Kurnool, Andhra Pradesh, India 2017.

## **M.TECH PROJECT**

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### **Semantic Web Implementation using OWL**

This project, Web-based Gallery of Paintings, is a project aimed at management of Different paintings in a Web Gallery. A web based search interface is developed for searching over the existing Ontology of Altarpieces. This project holds the functionalities like searching over many altarpieces with different criteria and also adding, editing and deleting altarpieces. There are many such projects which make use of database, but this is one project under the light of research to check the performance of project with the use of Ontology and even to show the advantages of using Ontology. This project makes use of existing ontology and work on it as similar projects do on database and also makes work easier for users who are not familiar with protege and also for the users who find it difficult to enter the data. The outcome of project is not only helpful for research but also for the users of Web Gallery of Altarpieces.

## **DECLARATION**

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Hereby declare that the information furnished above is true.

Y NARASIMHULU