RESUME

Dr. NAGARAJU JAJAM

Specialization: Computer Science & Engineering

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Google Scholar : https://scholar.google.com/citations?user=n4FRYrgAAAAJ&hl=en&oi=ao

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OBJECTIVE:

Seeking an opportunity in well-established institution and prove my skills. To secure a position with a well-established organization with a stable environment that will lead to a lasting relationship in the field of **Teaching** development.

ACADEMIC PROFILE:

- **Ph.D. (Doctor of Philosophy)** in Computer Science & Engineering , 2020-2023 from VIT-AP University, Amaravati, India**.** Thesis Title: "Customer Churn Prediction in Insurance Sector using Machine Learning and Optimization Techniques ".

- **M.Tech** (Computer Science & Engineering) 2011-2013 with Distinction (85%) from EVM College of Engineering, Affiliated to JNTUK, Kakinada.

- **M.Sc** (Computer Science from Acharya Nagarjuna University (Andhra Pradesh) during 2000-2002 with distinction (84%).

EXPERIENCE: 15+ Years

- Working in Tirumala Engineering College, as an Associate Professor in dept. of computer science and engineering since Oct 2023.

- Worked in VIT-AP University, as an Assistant Professor (Contract/Junior) in the Dept. of SCOPE from Aug 2021 to Sep 2023.

- Worked as an Assoc. Professor in the Department of Computer Science & Engineering in Sai Tirumala NVR College of Engineering Technology Andhra Pradesh. (since 2015 July-2021 Jan)

- Worked as an **Assoc. Professor** in the Department of Computer Science &   Engineering in A1 Global Institute of Engineering and Technology, Markapur. Andhra Pradesh. (June 2013-2015 june)

- Worked as an **Asst. Professor** in the Department of Computer Science &   Engineering in EVM college of Engineering & Technology, Narasaraopet, Andhra Pradesh. (June 2008-May 2013)

- Worked as a **Lecturer** in the Department of Computer Science   in PNC&KR College of PG Studies, Narasaraopet, and Andhra Pradesh. (June 2004-2008)

SUBJECTS TAUGHT:

1) Database Management Systems
2) Data mining and warehousing
3) Operating Systems.
4) Computer system architecture
5) Unified modeling language
6) Software Engineering
7) Computer Networking
8) Information System
9) Internet & E-security
10) Computer Graphics
11) Python Programming
12) Java Programming
13) C Programming
14) Object oriented programming

LABS HANDLED:

1) Oracle 9i/10G for Database Management Systems.
2) Data mining lab
3) Uml lab
4) C Programming.
5) CN lab
6) Object oriented programming lab

PUBLICATIONS

Peer-Reviewed and Published SCI/SCIE/SCOPUS Journals:

1. Jajam, Nagaraju, and Nagendra Panini Challa." Dynamic Behaviour-Based Churn Forecasts in the Insurance Sector." CMC-COMPUTERS MATERIALS CONTINUA 75, no. 1 (2023): 977-997(Published in **SCI-Q1**).

2. Jajam, Nagaraju, and Nagendra Panini Challa, "Arithmetic Optimization with Ensemble Deep Learning SBLSTM-RNN-IGSA model for Customer Churn Prediction". IEEE-Access (**Q1**), **Published** in Aug 2023.

3. Nagaraju, Jajam, and J. Vijaya. " Boost customer churn prediction in the insurance industry using meta-heuristic models." International Journal of Information Technology 14, no. 5 (2022): 2619-2631(Published in **Springer Nature –WOS and Scopus Indexed**).

4. Jajam, Nagaraju, and Nagendra Panini Challa." Customer Churn Detection for insurance data using Blended Logistic Regression Decision Tree Algorithm (BLRDT)." International Journal of Intelligent Systems and Applications in Engineering 11, no. 1s (2023): 72-83 (Published in **SCOPUS and WOS**).

5. J. Nagaraju and Nagendra Panini Challa," Measuring Churn Risk: A Novel RNN Reinforcement LSTM model with COA Method for Insurance Data. "(**Accepted IEEE Canadian Journal –SCIE Journal**).

IEEE Conferences (Scopus Indexed) :

1. Nagaraju, Jajam, and J. Vijaya. " Methodologies used for customer churn detection in customer relationship management." In 2021 international conference on technological advancements and innovations (ICTAI), pp. 333-339. IEEE, 2021. (**Published in Scopus Indexed**)

2. Jajam, Nagaraju, Nagendra Panini Challa, and K. S. L. Prasanna. " IMPROVED DOUBLE-LEVEL BLENDING MODEL (IDLBM): CUSTOMER CHURN ESTIMATING IN INSURANCE INDUSTRY." In 2023 Third International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT), pp. 1-5. IEEE, 2023. (**Published in Scopus Indexed**)

3. J. Nagaraju, KSL Prasanna and Nagendra Panini Challa, Heart Disease Prediction using Reinforcement Learning Technique "2023 Third International Conference on Advances in Electrical, Computing, Communications, and Sustainable Technologies (ICAECT 2023)", (**Published in Scopus Indexed**)

4. N. P. Challa, B. Naseeba, G. Vyshnavi, T. Priyanka, N. Jajam and K. S. Prasanna, "Osteoarthritis Disease Detection using Efficient Hyper-Tuning Parameters," *2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)*, Chennai, India, 2023, pp. 1-9, doi: 10.1109/ACCAI58221.2023.10200102. (**Published in Scopus Indexed**)

5. J. Nagaraju and Nagendra Panini Challa, "Predicting Customer Churn in Insurance Industry Using Big Data and Machine Learning", Conference, (**Published in Scopus Indexed**).

6. J. Nagaraju and Nagendra Panini Challa, "Artificial Intelligence Based Customer Churn Prediction for Smart Business "Book Chapter", (**Accepted in Wiley**).

Other Journals:

Google Scholar: https://scholar.google.com/citations?user=n4FRYrgAAAAJ&hl=en&oi=ao

Workshops, Seminars & FDP:

1. Participation in the 5-day Workshop on **"Skill Development for Academic Research"** (Online). This workshop is presented by the Academic Research office, VIT-AP University, Amravati from 27th December 2022 to 31st December 2022.

2. Participation in the 1st One Week International Workshop on **"Recent Trends in Optimization Techniques for Challenging Engineering Applications".** The Workshop is organized by the School of Electronics Engineering at VIT-AP University, Amravati from 21st October 2022 to 27th October 2022.

3. Participation in the "Five Days Faculty Development Programme on **"Hands-on Training on Python Programming"**, organized by the School of Computer Science and Engineering (SCOPE), VIT-AP University, Amravati (AP), India during 26th July to 30th July, 2021.

4. Participation actively in Online Continuing Education Program on **"Machine Learning with Python"** conducted by Department of Computer Science and Engineering, NIT Warangal from 12-04-2021 to 16-04-2021

5. Attended 30 hours of faculty development programme on **python training** conducted by "smart training resources India pvt ltd" during the period from august, 2021 to November, 2021.

6. Participated in all the sessions of the 5 Day Faculty Development Program on "**Research Scopes in Data Science & Its Applications**" Organized by School of Computer Science and Engineering (SCOPE), VIT-AP University from 30th May to 3rd June 2023.

7. Participated in the "**Five Days Workshop on Optimization Techniques & Applications**", organized by School of Computer Science and Engineering, VIT-AP University, Amaravati from July 26th to July 30th, 2022.

8. Participated in the Guest Lecture on **IoT Applications using Deep Learning during** 11th June, 2022 Organized by School of Computer Science and Engineering (SCOPE) VIT-AP University.

9. Participated in the "2nd **One-Week Workshop on Technical Writing using Latex** (Online)". The Workshop is organized by the School of Electronics Engineering at VIT-AP University, Amaravati from April 7-13, 2022.

10. Participated in the 5 Days Workshop on **Block Chain Technology and its Applications** during 17th – 21st Jan, 2022 at VIT-AP University.

11. Participated in the "5- Day Workshop on **Technical Report Writing using Latex**", organized by the School of Electronics Engineering (SENSE), VIT-AP University, Amaravati (AP), India in association with Academic Staff College (ASC) VIT-AP during 5th to 9th April, 2021.

12. Participated in the Five Days Online Workshop on "**Artificial Intelligence & Machine Learning Techniques for Data Analytics**" from 15th to 19th February, 2021 at National Institute of Technology, Tiruchirappalli.

13. Participated in the 5 Days FDP on **Block Chain Technology and it's** during 18th – 22nd May, 2020 at Tirumala Engineering College, Narasaraopet.

14. Participated AICTE Training and Learning (ATAL) Academy online FDP on "**Block Chain"** from 25-05-2020 to 29-05-2020 at National Institute of Technology, Warangal.

Awards/Achievements:

1. Participation as a **Coordinator** of the **5th International Conference on Computational Intelligence & Data Engineering (ICCIDE - 2022)** in association with Springer organized by the School of Computer Science and Engineering (SCOPE), VIT-AP University, Amravati, Andhra Pradesh, India, during 12-13 August 2022.

2. Participation as a **Reviewer** to the **5th International Conference on Computational Intelligence & Data Engineering (ICCIDE - 2022)** in association with Springer organized by the School of Computer Science and Engineering (SCOPE), VIT-AP University, Amravati, Andhra Pradesh, India, during 12-13 August 2022.

3. I am successfully completed the course **"Data Base Management Systems"** in **NPTEL** (IIT Kharagpur) in Feb-Mar 2021.

4. Acted as reviewer for Many Journals.

ACTIVITIES:

1) Acted as NAAC Co-Coordinator in Sai Tirumala NVR Engineering College.
2) Acted as HOD in Sai Tirumala NVR engineering college since 2016 to 2020.
3) Globareena Co-Coordinator in A1 Global Institute of Engineering and Technology, Markapur. Andhra Pradesh. (2013 Aug to Aug 2014).
4) Participated in Various College committees.
5) Served on academic or administrative committees that deal with institutional policies, Departmental matters, and academic issues.
6) Developed strong ties with alumni to maintain long-term philanthropic support.
7) Maintained regularly-scheduled office hours to advise and assist students.
8) Challenged and motivated students through in-depth lectures and discussions.

BOOKS PUBLISHED:

1) Published book "Relational **Data base management system**" through radiant publishing house polytechnic diploma students.

WORKSHOPS:

   1) Attended workshop at EVM College of engineering and technology.
     Title:" **Android Applications**"
   2) Presented various papers in technical symposiums in various engineering colleges.

ASSETS: ** Professional member in IET
       **** life member in ISTE.**
       **** life member in** Advanced Computing and Communications Society, B'lore **

   1) Handled guest lectures for various colleges to handle the subjects like Data mining and data base management system concepts.

   2) Having Sound Knowledge in Data warehousing tools like – oracle 9i/10g, Informatics 7.2(ETL Development), and cognos, C, Uml, Rational Rose, Data Structures.

   3) Having pass-percentage of students from 95 to 100% on the subjects handled.

PERSONAL PROFILE

Father's Name   :   Jagannadham Jajam

Date of Birth   :   25-Dec-1979

Gender   :   Male

Marital Status   :   Married

Nationality   :   Indian

Languages Known :   English, Telugu,

Passport   :   Valid

Permanent Address: S/o Jagannadham
                    D.No : 8-10-17/4,near old town police station road,,
                    Kothabavi bazzar,Narasaraopet(Post & Mandal),
                    Palnadu (Dist), PIN: 522601, Andhra Pradesh., INDIA
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DECLARATION:
I declare that the information furnished above is true to the best of my knowledge.

                                (NAGARAJU JAJAM)