# CURRICULUM VITAE

**Dr.N. CHANDRAKALA**

**Cell: 9963535136**

**Email: kala5136@gmail.com**

**Total Experience: 19 years**

## Career Objective

Aim to associate with progressive organization that gives ample scope to apply my skills in the software field in the areas of development of application to become a part of the team that would give me an opportunity to expand trends and work dynamically towards the growth of the organization and gain satisfaction in all aspects.

## EDUCATIONAL QUALIFICATIONS:

- ❖ **PhD in computer science and engineering** from K L University, GUNTUR, in 2023
- ❖ **M.Tech** in **Computer Science and Engineering** from **JNTUH,** First Class with Distinction in 2008.
- ❖ **B.Tech** in **Computer Science and Engineering** from C.R.Reddy College of Engineering, Eluru, Andhra University  in 2002
- ❖ **Intermediate** from Board of Intermediate Education in 1994.
- ❖ **S.S.C** from Board of Secondary Education in 1992.

## EXPERIENCE PROFILE:

- ➢ Working as an **Associate Professor** in TKR College of Engineering and Technology, Meerpet, Hyderabad since March, 2020 to till date.
- ➢ Worked as an **Assistant Professor** in Christu Jyothi Institute of Technology & Science, Jangaon, TS, from July, 2008 to December, 2019.
- ➢ Worked as an **Assistant Professor** in B V C Engineering college, Odalarevu, from July, 2005 to June, 2008.

**Technical Research Publications**

1. N Chandrakala, "Multi criteria optimization based VM placement strategy to mitigate co-location risks in data centers", international journal of computer networks and applications, **(SCOPUS)** Volume 9, Issue 5, September – October (2022), ISSN: 2395-0455.

2. N Chandrakala, "A Heuristic Model For Securing Virtual Machine Migration During Attack Traces In Cloud Environment", Indian Journal of Computer Science and Engineering (IJCSE), **(SCOPUS),** Vol. 13 No. 4 Jul-Aug 2022,ISSN: 2231-3850.

3. N Chandrakala, "Provisioning of Defensing Mechanism Against Threats During VM Migration in Cloud Environment", International Journal of Engineering Trends and Technology,(**SCOPUS),**Volume 70 Issue 6, 1-12, June 2022, ISSN: 2231-5381.

4. N Chandrakala,"An Optimizable Conditional Random Field-Based Migration Strategy For Virtual Machines To Improve The Security And Privacy Issues In Cloud Computing", Indian Journal of Computer Science and Engineering (IJCSE), (**SCOPUS),** Vol. 13 No. 3 May-Jun 2022, ISSN: 2231-3850.

5. N Chandrakala, "Migration of Virtual Machine to improve the Security in Cloud Computing", International Journal of Electrical and Computer Engineering (IJECE), **(SCOPUS),**Vol. 8, No. 1, February 2018, pp. 210~219 ISSN: 2088-8708.

6. N Chandrakala,"A Review on Security and Privacy Issues in Cloud Computing, Journal of Emerging Technologies and Innovative Research (JETIR), Volume 9, Issue 5, May 2022, ISSN: 2349-5162.

7. N Chandrakala, "Application of a novel time-slot utility mechanism for pricing cloud resource to optimize preferences for different time slots", IJER, ISSN: 2319-7471Vol.2 Issue9 Dec, 2013.

8. N Chandrakala, "Flexible Distributed Storage Integrity Auditing Mechanism to Achieve a Secure and Dependable Cloud Storage Service in Cloud Computing", I IT E2015, Volume: 3, Issue:12, ISSN: 2321-1776.

9. N Chandrakala, "Private Cloud Security in Cloud Computing", NCARC 2013, CJITS, Jangaon

10. N Chandrakala, "A Novel Conditional Shortest Path Routing Protocol by Using Conditional Intermitting Time", ICIEMS 2014, CJITS, Jangaon

11. N Chandrakala, "Better Control Authority Flow Using Topicality with Proximity Search" NCARC 2013, CJITS, Jangaon

12.  N Chandrakala, "Delegating Auditing task to TPA for Storage Correctness and Privacy in Cloud", ICIEMS 2014, CJITS, Jangaon

13. N Chandrakala, "Distributed Intrusion Detection Architecture Based on Clustering of the Nodes that Addresses the Security Vulnerabilities of the Ad-hoc networks", International Journal of Management, Technology and Engineering, Volume IX, Issue III, MARCH/2019, ISSN No: 2249-7455, pp.741-749

14. N Chandrakala, "Minimization of Cyber Crime Risks in Online Services by using Embedding merge and Product included methods", International Journal of Management, Technology and Engineering, Volume IX, Issue III, MARCH/2019, ISSN No: 2249-7455, pp.795-799.


**Training Programmes/Workshops Attended:**

1. Two -Day work shop on "Image processing pattern recognition & Neuro computing" Organized by Department of Computer science and Engineering, B V C Engineering College, Odalarevu during April 12th - 13th, 2008.

2. Two-week ISTE work shop on "Database management systems" conducted by Indian institute of Bombay. This work shop was held under the national mission on Education through ICT (MHRD) from May 21st to 31st, 2013.

3. Two -Day work shop on "Research Methodology and scholarly writing skills" Organized by Department of Computer science and Engineering, National institute of Technology during 25th - 26th, January 2014.

4. Two -Day work shop on "Techno Champ a national level completion Organized by  ProActive-InfoSoft,atCJITS,Jangaon during 4th - 5th, February 2014.

5. Two day National Level Workshop on "Next generation user Interface Design" Organized by Department of Computer science and Engineering Department, Christu Jyothi Institute of Technology and Science, Jangaon during  24th to 25th, February 2014.

6. TEQIP-II Sponsored Five Days Workshop on "Architecture ,Algorithms, Analytics for BigData using Cloud and Distributed Computing Jointly organized by Department of Computer science and Engineering, National institute of Technology Warangal and C-DAC Pune  during 7th to 11th March , 2014

7. Two week work shop on "Computer programming" conducted by Indian institute of Bombay. This work shop was held under the national mission on Education through ICT (MHRD) from 19th to 29$^{th}$, May 2014.

8. Two week Workshop on Database management systems by oracle at Christu Jyothi Institute of Technology and Science, Jangaon during 12$^{th}$ to 23$^{rd}$, June 2015.

9. One day faculty development programme on "Outcome Based Engineering Education for Enhanced Employability" Organized by Christu Jyothi Institute of Technology and Science, Jangaon on 21-9-2013

10. One week-National Level Faculty Development Program on Possessing Two wardrobes: communication and writing organized by Department of CSE & IT,BVRIT college of engineering for women, Hyderabad in association with NYCI &Brainovision Solutions India Pvt. Ltd se, from 25th May to 31st May 2020.

11. One week-National Level Faculty Development Program on PHP & MySQL from 18-5-2020 to 23-5-2020,Organized by Department of Computer science and Engineering,JNTUH college of engineering ,Jagtial, in association with spoken tutorial IIT-Bombay.

12. Five day Faculty development programme on "Cloud Infrastructure and Virtualization" Organized by Department of Computer science and Engineering, Institute of Aeronautical Engineering,Hyderabad,from 25-29,May 2020.

13. Five day Faculty development programme on "Business analytics using Python" Organized by Department of Computer science and Engineering, T K R College of Engineering,Hyderabad,from 22-26 ,June 2020.

14. Participated in the Expert Talk on "EFFECTIVE TEACHING PEDAGOGY"organized by International School of Management, Patna.on dated June 12th, 2020

15. Five Day National Level Faculty development Program on "Recent Trends in Computer Science", organized by Department of Computer Science & Engineering, RGMCET, Nandyal from 30 June 2020 to 04 July 2020.

16. Five-Day-National Level Faculty Development Program on ARTIFICIAL INTELLIGENCE from 22nd May to 26th May 2020 organized by Department of CSE & IT, BVRIT college of engineering for women,Hyderabad in association with NYCI &rainovision Solutions India Pvt. Ltd

17. Five-day International Webinar series on"Emerging Green Technologies for Smart Cities: Challenges and Opportunities" joinly organized by Department of

Electrical and Electronics Engineering,RVS College of Engineering and Technology, Coimbatore and NEW HORIZON College of Engineering, Bengaluru from 16/06/2020 to 20/06/2020.

18. A National Level Five Day Faculty Training Program on "Cyber Security" Organised by Department of Electronics and Communication Engineering, Srinivasa Ramanujan Institute of Technology (Autonomous) in association with SUPRAJA Technologies from 23-05-2020 to 27-05-2020.

19. One Day Webinar on "CYBER SECURITY" Organized by Department of Electronics and Communication Engineering , Sri Venkateswara College of Engineering and Technology, Srikakulam on 24th june, 2020 in Collaboration with INDIAN SERVERS, Hyderabad & Vijayawada.

20. One day Webinar on "Smartphone Security Issues in The Digital World" Department of Computer Science and Engineering,Methodist College of Engineering and Technology on 16/05/2020

21. National Level three day Faculty Development Program on "Digital Image Processing & Its Applications" organized by Department of ECE, Sai Spurthi Institute of Technology in collaboration with Kits Cart Projects India Pvt. Ltd. from 9th July-11th July 2020.

22. Five-day National level Faculty Development Program on "Cyber Forensics and Cyber Security" organized by Department of Computer Science and Engineering , G. Narayanamma Institute of Technology and Science, Hyderabad in collaboration with Indian Servers, from 15-06-2020 to 19-06-2020.

23. One day Webinar on "COVID-19-Problems and Challenges of Women", conducted by G. Narayanamma Institute of Technology and Science, Hyderabad in association with CIIWN on 27-06-2020

## Subjects Handled

### At UG level:

Computer Organization, Formal Languages and Automata Theory, Compiler Design, Object oriented Analysis and Design, Data Base Management Systems, Software Testing Methodologies, C and Data Structures, Real Time Systems, OOPS through JAVA, Information Security, Computer Networks, Data structures through C++,Operating Systems, Adhoc and Sensor Networks, SWSN, Design Patterns, Mobile Computing.

**At PG level:**

Object Oriented Modeling, Advanced Computer Networks, Modern Operating Systems.

**TECHNICAL SKILLS:**

    **Languages**         **:** C, C++, JAVA, .Net,J2EE, JSP, Swings, Servlets.

    **RDBMS**     **:** Oracle, Sql Server.

    **Operating Systems**     **:** MS-DOS, Windows 98 & XP . Linux.

    **Web technologies**     **:** HTML, CSS, JavaScript's& XML.

    **GUI Tools**     **:** Ms-Office.

**STRENGTHS:**

- Excellent problem solving techniques.
- Enthuse to learn new Technologies.
- Dedicated and very concerned at work.
- Dealing with ambiguity.
- Decision Making and Problem Solving.

**Ratified by JNTUH,Hyderabad in February 2014 and March 2020**

**ISTE Lime Member: LM 95108**

**PERSONAL DETAILS:**

Father's Name     : N. Sesha Rao.

Date of Birth     **:** 04-02-1976

Marital Status/Sex     **:** Married

Nationality     **:** Indian

Languages known     **:** English, Hindi and Telugu

Address:: Raghavanagar ,Meerpet,Hyderabad

    I hereby declare that the information furnished above is true to best of my knowledge and belief.

    Date: 17-6-2023

    Place: Hyderabad

                                 **(Dr.N.ChandraKala)**