

BIO-DATA / CV

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| Name and Full Correspondence Address | Dr. K N S Lakshmi Plot No 156, Dasapalla Layout, GITAM Post Yendada, Visakhapatnam - 530045 9912423676, 7382755393 |
| Email(s) | mnsalakshmi.vvit@gmail.com |
| Contact Number(s) | 9912423676 |
| Institution | Chaitanya Engineering College, |
| Date of Birth | 27-07-1974 |
| Gender (M/F/T) | F |
| Category (Gen/SC/ST/OBC) | GEN |
| LinkedIn/ORCID/Other IDs | https://www.scopus.com/authid/detail.uri?authorId=57192233246 |

Academic Qualifications (Undergraduate Onwards)

| Degree | Year | Subject | University/Institution | %/CGPA |
|------------------|-----------|---------|---|----------------------------|
| Ph.D | 2019 | CSE | GITAM (Deemed to Be University) Visakhapatnam | Awarded |
| M.Tech, (CSE) | 2008-2010 | CSE | JNTUH, Hyderabad | 1st class with distinction |
| MCA | 2004-2007 | MCA | IGNOU, New Delhi | 1 st class |

Ph.D. Details

| Institute | Guide(s) | Year of Award | Ph.D. Thesis Title |
|---|---|---------------------|--|
| GITAM (Deemed to Be University) Visakhapatnam | Dr Y Radhika Professor, Dept of CSE, GITAM (demed to Be University) Visakhapatnam | October 10, 2019 | “A Novel Method For Performance improvement In Intrusion Detection System Using Data Mining Methodologies” |

Work Experience (Chronological Order)

| S.No | Position | Institute | From | To |
|------|-----------------------------|---|-----------|---------------|
| 1. | Professor & HOD AI Dept | Chaitanya Engineering College, Visakhapatnam | June 2025 | Till Date |
| 2. | Professor & HOD CSE Dept | Sanketika Vidya Parishad Engineering College (SVPEC) | Oct 2021 | April 30 2025 |
| 3. | Professor | Baba Institute of Technology and Science Visakhapatnam | Dec 2020 | Sep 2021 |

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|----|------------------|--|------------|-------------|
| 4. | Professor | Mahaveer Institute of Science & Technology , hyderabad | March 2020 | Nov 2020 |
| 5. | Assoc. Professor | Mahaveer Institute of Science & Technology , Hyderabad | June 2013 | Feb 2020 |
| 6. | Asst. Professor | AI Ameer College of Engg & Information Technology, Visakhapatnam | June 2011 | April, 2013 |
| 7. | Asst. Professor | Vardhaman College of Engineering, Hyderabad | Dec 2009 | April 2011 |
| 8. | Asst. Professor | Mahaveer Institute of Science & Technology , Hyderabad | June 2008 | Nov 2009 |
| 9. | Lecturer, | VMC Mahila Vidya Peeth , Visakhapatnam | July, 2007 | Feb, 2008 |

Professional Recognition / Awards

| S.No | Award Name | Year |
|------|---|------|
| 1 | Ratified as a Assistant Professor from JNTU (H)University | 2019 |
| 2 | Ratified as a Associated Professor from Andhra University | 2024 |
| 3 | Received Special appreciation certificate for Conducted One week Workshop | 2024 |

Publications

| S.No | Authors | Title | Journal | Volume/Page | Year |
|------|-------------------------|---|---|---|-------------------|
| 1. | Dr M Naga Surya Lakshmi | “Hardware Enhanced association rule mining with hashing and pipelining | international conference on communication and computation control on Nano technology” | “Rural Engineering College, Bhalki, Karnataka. | March2011 |
| 2. | Dr M Naga Surya Lakshmi | “A Complete Study on Intrusion Detection Using Data Mining Techniques “ , , | International Journal of Computer Engineering and Applications | Volume IX, Issue VI, Part I, Ju, ISSN 2321-3469, 130-137. | June,2015 |
| 3. | Dr M Naga Surya Lakshmi | “Effective Approach for Intrusion Detection Using KSVM and R” , | Journal of Theoretical and Applied Information technology, | Volume 95, Issue 17, ISSN: 1992-8645, 4236- 4247. | 2017September |
| 4. | Dr M Naga Surya | “Detection and Analysis of Network Intrusions using Data | International Journal of Applied | Volume 13, Number 6, ISSN | March,2018 |

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|-----|-------------------------|---|---|---|----------------|
| | Lakshmi | Mining Approaches”, | Engineering Research, | 0973-4562, 4059-4066. | |
| 5. | Dr M Naga Surya Lakshmi | ” A Survey Paper on Snort Intrusion Detection System”, | International Journal of Computer Engineering and Applications, | Volume XII, Issue V, May 18, ISSN 2321-3469, 148-154. | May 18,2020 |
| 6. | Dr M Naga Surya Lakshmi | A Review Paper On Intrusion Detection System”, | International Journal of Research In Electronics And Computer Engineering.. | VOL. 6 ISSUE 2 ISSN: 2348-2281, 2307-2310 | APR.-JUNE 2018 |
| 7. | Dr M Naga Surya Lakshmi | “Host Based Intrusion Detection Using Data Mining Methodologies”, International | Journal of Computer Sciences and Engineering, | Vol.-6, Issue-8, E-ISSN: 2347-2693, 992-998 | Aug 2018 |
| 8. | Dr M Naga Surya Lakshmi | " A Comparative Paper On Measuring The Performance Of Snort And Suricata With Variable Packet Sizes And Speed " | International Journal of Engineering & Technology, | 8 (1) (2019) 53-58 | 2019 |
| 9. | Dr M Naga Surya Lakshmi | " Crypto graphy prediction using several machine learning techniques" | "International journal of creative research thoughts, | volume 10 issue 10 ISSN:2320-2882 | october2022 |
| 10. | Dr M Naga Surya Lakshmi | "ANNI-The personal assistant for windows " | "journal of emerging technologies and innovative Research | volume-10 issue-03 ISSN:2349-5162 | March2023 |
| 11. | Dr M Naga Surya Lakshmi | ."Virtual ducation for slow learners and mentally challenged to cope for learning" | International Journal of Engineering & Technology, | volume-10 issue-3,ISSN:2349-5162 | March2023 |
| 12. | Dr M Naga Surya Lakshmi | "Predicting credit defaulters using machine learning", | Journal of engineering science | Volume-14, issue4,ISSN:0377-9254 | March2023 |
| 13. | Dr M Naga Surya Lakshmi | " Light weight security algorithm for low power IOT device", International | journal of engineering applied sciences and technology | volume-7,issue no-11 ISSN NO:2455-2143 | March2023 |
| 14. | Dr M Naga Surya Lakshmi | " Finding related rum posts through twitter data using matchine algorithm", | International Journal of Engineering Applied Sciences and Technology | Volume-4,Issue-11, ISSN NO-2455-2143 | March2023 |
| 15. | Dr M Naga Surya Lakshmi | “Fake Currency Detection using Machine Learning”, | Journal of Emerging Technologies and Innovative Research, | Volume ISSN NO 2349-5162 | March2024 |
| 16. | Dr M Naga Surya Lakshmi | Phish Catcher: Client-Side Defense against Web-Spoofing Attacks Using Machine Learning | International Journal of recent Trends in Multidisciplinary Research | ISSNO 2583-0368 | March2024 |
| 17. | Dr M Naga Surya | "Addressing Emerging Threats Through Innovative Computer | journal of biometric research Afr. J. | Vol. 27, No.3 | October2024 |

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|-----|-------------------------|--|--|---|-------------------|
| | Lakshmi | Science Solutions " | Biomed. Res | | |
| 18. | Dr M Naga Surya Lakshmi | ." Detecting and Recognizing Cricket Players' Faces Automatically", , | Fuzzy Systems and Soft Computing, | ISSN :1819-4362 | June: 2025 |
| 19. | Dr M Naga Surya Lakshmi | Machine Learning Techniques for Detecting Cyber Attacks in Networks, | International journal of recent trends in multidisciplinary research | ISSN No: 2583-0368 , Vol 5 (02), 27-31. | March-April 2025, |
| 20. | Dr M Naga Surya Lakshmi | Automated Diabetic Retinopathy Detection Using Deep Learning, | International Journal of All Research Education and Scientific Methods | ISSN: 2455-6211 Volume 13, Issue 4 | , April-2025 |
| 21. | Dr M Naga Surya Lakshmi | House price prediction using machine learning", , | Journal of Emerging Technologies and Innovative Research | ISSN:2349-5162 Volume 10, Issue 6 | June 2023, |
| 22. | Dr M Naga Surya Lakshmi | Next gen intrusion detection using deep learning, | Journal of emerging technologies and innovative research | ISSN:2349-5162 | April2025 |
| 23. | Dr M Naga Surya Lakshmi | Godavari River Water Quality Prediction Using Machine Learning Algorithm," | International journal of innovative research in technology | Volume 11 Issue 10 ISSN: 2349-6002 | March2025 |
| 24. | Dr M Naga Surya Lakshmi | "Intelligent Intrusion Detection Systems for Enhancing Security in IoT and Cyber-Physical Networks" ,intelligent vision and computing, | Proceedings of ICIVC 2025, | Volume 3 | March 2025 |

Patents:

| | |
|--------------------|---|
| Title. | intelligent intrusion detection frame work for iot and cyber-physical system using adaptive machine learning techinques |
| Application number | 20254106594A |
| Publisheddate. | 30/5/2025 |

Technical Skills

| Technical Skill / Technology | | |
|------------------------------|--------|-----------------|
| C | JAVA | DWDM(Weka tool) |
| C++ | PYTHON | SQL |
| DS | OOAD | IOT |
| Web technologies | | |

FDPs & Certifications

| S.No | Program / Certification | Organization | Year |
|------|---|--|---|
| 1. | “Net work Programming and simulators” | GNITS, Hyderabad. | From 5 th July to 10 th July 2010 |
| 2. | “Active Research (WAR-2010”) | Vardhaman College of Engineering, Hyderabad. | 15 September,2010 |
| 3. | “ IBM Certified Date base Associate DB2 9 Fundamentals” | Professional certification Program From .IBM | January 11, 2011. |
| 4. | certified Associate Developer Rational Application Developer for web sphere Software V6.0”. | Professional certification Program From “IBM | March21, 2011 |
| 5. | "Research Methodology" | Department of Electrical & Electronics Engineering, GIT, GITAM University, Visakhapatnam | Two day work shop 16th & 17th November, 2017 |
| 6. | "Date science using R Programming " a online Faculty development programm | department of Information Technology 3in association with web tek Labs. Pvt Ltd, Mahaveer Institute Of Science & Technology , Hyderabad. | One week 12-06-2020 to 17-06-2020 |
| 7. | "Cloud computing with AWS " a online Faculty development programm | at department of Computer Science and Engineering in association with web tek Labs. Pvt Ltd, Mahaveer Institute Of Science & Technology , Hyderabad. | Five day from 30-06-2020 to 04-07-2020 |

Professional Memberships

| S.No | Organization | Membership Type | Year |
|------|--|--|------|
| 1 | journal ELSEVIER | Certificate of Reviewing - Recognition of the review contribution to the | 2022 |
| 2 | IAENG International Association of Engineers | Life Member ship | 2022 |