

Ms. G NAGA SUJINI

Assistant Professor, CSE

Education Qualifications:

M.Tech, (Ph.D)

Specialization:

Image Processing and Computer Vision



ADDRESS:

- D – Block -205

JNTUH ID: 95150406-

090405

EMAIL:

gnagasujini_cse@mgit.ac.in

DATE OF JOINING:

25-08-2006

EXPERIENCE - 19 Years

- Teaching - 19

SUMMARY:

- Publications - 14
- Conferences - 9
- Patents-2

EVENTS:

- Organized - 3
- Attended -29

Membership of Professional Bodies:

1. Indian Society for Technical Education ISTE - LM 128765
2. International Association of Engineers IAENG – 277515
3. Association for Computing Machinery ACM-9992909

Responsibilities Held at Institution Level:

1. Member of College Maintenance committee.

Responsibilities Held at Department Level:

1. Member of Result analysis Team, CSE.
2. Coordinator of Alumni.
3. Member of News Letter.

Courses Handled at Under Graduate /Post Graduate Level:

1. **UG:** C Programming, Big Data Analytics, Digital Logic Design, Java Programming, Mathematical Foundation of Computer Science, Database Management Systems, operating Systems, Object Oriented Analysis and Design, Compiler Design, Cyber Security, Distributed Databases, Principles of Programming Languages, Data Mining, E-commerce, Linux Programming, Python Programming.
2. **PG:** Adhoc Sensor Networks, Computer Vision, Computer Vision and Robotics

Publications:

1. G Naga Sujini ,G Sri Krishna Klreet, “IoT Based Automatic Vehicle Accident Detection And Rescue System” , Gradiva Review Journal ,Vol 9, issue 6,2023.
2. G Naga Sujini ,“Brain Tumor Segmentation using RCNN”, International Journal of Advances in Engineering and Management (IJAEM) Volume 5, Issue 6 June 2023.
3. G Naga Sujini, J Sreedevi,“IoT based Secure Supervision of Air Quality”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET). Volume 11, Issue 6, June 2022.
4. G Naga Sujini, “Automatic Logo Detection with Deep Region-based Convolutional Networks” International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 10 Issue VI June 2022.
5. G Naga Sujini, A Ratna Raju,“Positioning of HAAR Cascade Algorithm and deep learning to predict Real Time Facial expressions”, Neuro Quantology , May 2022, Volume 20 , Issue 5 , Page 2037-2044.
6. G Naga Sujini, P Poornima , Y V Kashyap “Identification of pneumonia using Deep learning” , International Journal for science and Advance research in technology, volume 7, Issue 6 in June 2021.
7. G. Naga Sujini, B. Poornima and D.Gyana Deepika , “FIFA outcome prediction using Machine Learning Techniques” , International Journal of Computer Engineering and Applications, Vol XV, Issue VI, June 2021, ISSN 2321-3469.

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8. J Sreedevi, M Rama Bai, G Naga Sujini, M Mahesh and B Satyanarayana , “Early stage lung cancer detection using machine Learning” , Biosc Biotech Res Comm, vol 14 No 05 May 2021.
9. G Naga Sujini, Videsh Loya “Land slide prediction using Machine Learning”, International Journal of Information and Computing science, Volume 8, Issue 4, April 2021.
10. B Poornima, G Naga Sujini and Tirunagari Vysali ,”Prediction Of Diabetes Using Different Machine Learning Classifiers”, International Journal of Computer Engineering and Applications, ISSN 2321-3469, Vol XV, Issue III, March 2021.
11. G Naga Sujini, D Gyana Deepika “ Implementation of popular techniques for Movie Recommendation Systems” IJRTE,Volume-8 Issue-6, March 2020.
12. G Naga Sujini, T Samsritha,“Ground Water Level Prediction Using Machine Learning”, JAC, Volume XIII, Issue V, MAY 2020.
13. S.Md.Rasheed and G.Naga Sujini, “Maintenance of Anonymity in computing Grid services”, International Journal of reviews on recent electronics and computer science, volume-2, Issue 8, August-14 ISSN 2321- 5461.
14. Ch.Aparna, G.Mounika Reddy and G.Naga Sujini,”Revocable- Storage Identity-Based Encryption in Cloud Computing”, International journal & Magazine of Engineering Technology Management and Research “, volume-4, issue 3, March-17 ISSN 2348-4845.

Conferences:

- 1.“Profinity detection in social media text using a hybrid approach of NLP and Machine Learning “, MGIT on 24th June 2023.
- 2.“Developing a ML model for predicting Annual water Consumption”, MGIT on 24th June 2023.
- 3.“Deep learning based computer aided diagnosis models for thyroid nodule detection and classification: A comprehensive survey” organized by ECE, MZCET, and Tamilnadu during 11-13th December 2023.
- 4.“Categorization of Thyroid Cancer Sonography Images using an amalgamation of Deep Learning Techniques”, SPRINGER-Smart innovation, Systems and Technologies-ICSCSP-2022(MRCET).
- 5.“Music Genre Classification”, ETCTA-2021, April CBIT, Gandipet.
6. “A Machine learning approach for Phishing website detection, International Multidisciplinary conference on Information science, management research and social sciences” 19th March 2021.
- 7.“Sentiment Analysis on Restaurant Reviews”, ISBN: 978- 93-88808-57-6, Recent Trends in Electrical Engineering, Department of EEE, MGIT.
8. “Cloud Progression towards the data integrity”, 3rd national Conference NCEITCS-2014, VCE.
9. “Blob seer with version pruning model for fast retrieval of historical data”, 3rd national Conference NCEITCS-2014, VCE.

Patents:

- 1.Embedded Wireless Sensor Based Sleep Monitoring System, Patent No: 202441015727, March 2024.
2. Real time signal generators for cellular jammer with dynamic switching of frequency bands, patent No: 2021101590, 5th May 2021, Granted.

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Events Organized:**FDPs/STTPs:**

1. National Level One Week Online Workshop on Yoga - A Science of Breath and Meditation for Subtle Energy Channeling” July 6th- 10th July.

Refresher Courses/ Workshops/ Webinars/ Seminars/ Guest Lecture:

1. Webinar on “Crafting Quality Research for Academic Excellence” July 27th2020.
2. International hands on Workshop on ANGULAR JS” 26th June 2020.

Events Attended:**FDPs/STTPs:**

1. ATAL FDP on “Empowering the next generation of Entrepreneurs with Deep learning and cloud powered AI Technologies” Organized by Sri vasavi Engineering College (20-01-25 to 25-01-25).
2. ATAL FDP on “The Revolution of Large Language Models (LLMs) in Artificial Intelligence” Organized by VJIT (18-11-24 to 23-11-24).
3. FDP on “Deep learning and IOT Driven smart applications” organized by Dept of CSE, MLRIT (24th to 29th June 2024).
4. FDP on “Effective Curriculum Implementation using FOSS” organized by NITTR Chandigarh. (8th January to 12th January 2024).
5. FDP on “Deep learning” organized by NITTR Chandigarh,(11th September to 15th September 2023).
6. STTP on “Data Science for Business” organized by Dept of AI&DS, VIIT, Pune. (4th September to 8th September 2023).
7. FDP on “Recent Trends in Data Science for Engineering” Dept of CSE, CBIT, Gandipet. (26th June to 30th June 2023).
8. FDP on “Art of Writing Papers Research Methodologies “07th -13th May 2020 GRIET.
9. FDP on “Cyber Security” 26th -30th May 2020 JNU, Delhi, AICTE ATAL.
10. FDP on “IOT” 31st May- 4th June 2020 JNU, Delhi, AICTE 2020 ATAL.
11. FDP on “Effective Technical Report Writing using LATEX” 8th -9th June 2020 ECE, MGIT.
12. FDP on “Block chain Security Smart Contracts” 15th June-20th June 2020 IT & CSE, VR Siddhartha Engineering College, Vijayawada.
13. FDP on “Social Responsibility and Community Engagement” 17th June 2020 CBIT.
14. FDP on “Block Chain” 22th -26th June2020 JNTUA, AICTE, ATAL.
15. FDP on “PCAP: Programming Essentials in Python 26th August 2019 CISCO Network Academy.
16. FDP on “Block Chain” 22th -26th June2020 JNTUA, AICTE, ATAL.
17. FDP on “PCAP: Programming Essentials in Python 26th August 2019 CISCO Network Academy.
18. FDP on “Machine Learning through Mathematical Modeling Supported with Python & R-Soft”, organized by Departments of M&H, CSE, IT of MGIT 2 nd-7th July 2018.
19. FDP on “Applied Machine Learning using Python” organized by CSE Dept., in association with Pantech ProEd Pvt. Ltd. MGIT 18th-23th December 2017.
20. FDP on “Data Analytics using R” Sponsored by TEQIP –II Organized by IT Dept., CBIT 20th – 25th March 2017.

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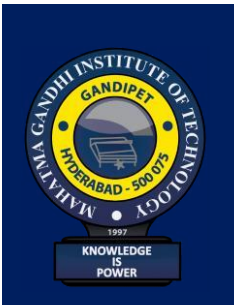
EXPERIENCE - 16 Years
a. Teaching - 16

SUMMARY:
b. Publications - 14
c. Conferences - 9
d. Patents-2
EVENTS:
e. Organized - 2
f. Attended - 29

21. FDP on “Research Trends in Digital Image & Video Processing” organized by ECE Dept., MGIT 4th -16th December 2017.
22. FDP on “Internet of things with Raspberry PI & Network Simulator (NS-2)” IT Dept., MGIT in association with Pantech Pro Ed Pvt. Ltd 17th -21th October 2016 .
23. FDP on “Recent trends in Digital Image & Video Processing” Organized by ECE Dept., MGIT 22nd -27th February 2016.
24. FDP on “Mobile Application Development and Resting Methodologies” at IT Dept., MGIT 6th-8th August, 2012.
25. National Workshop on “.Net Technologies”, ECM Dept., SNIST 18th -22nd June, 2012.
26. Workshop on “RESEARCH OPPORTUNITIES IN CSIT” at IT Dept., CBIT. 22th & 28th January, 2012.
27. Workshop on “CLOUD COMPUTING” at CSE Dept., VCE. 29th & 30th December, 2011.
28. FDP on “Recent Trends in Data Mining” at CSE Dept., MGIT 30th & 31st December 2010.
29. FDP on “Embedded System-ARM” at IT Dept., MGIT 2nd - 4th December 2009.

Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:

1. Attended an Orientation Course JNTUH, HYD 10.06.2013 to 06.07.2013(4Weeks).
2. Attended a Refresher Course JNTUH, HYD 20.05.2014 to 07.06.2014(3Weeks).
3. Participated in two day Workshop on “Next Generations devices and Computing” at CSE Dept., CBIT. 28th -29th November, 2014.
4. Participated in two day Workshop on “Wireless Networks and Applications” at ECE Dept., CBIT. 14th -15th February, 2014.
5. Participated in two day Workshop on “Cyber Security & Malware Analysis” at CSE Dept., MGIT 16th -17th September, 2013.
6. Attended 2-day National Workshop on “Research Opportunities”, Women Cell, and CBIT 8 th-9th March 2013.
7. Participated in two days National Workshop on “Speech Processing” at CSE Dept., MGIT 17th & 18th February 2012.
8. Attended 2-day National Workshop on “Research Opportunities”, IT Dept., and CBIT 27th -28th January, 2012.
9. Participated in one day National seminar on “INTELLIGENT SYSTEMS”, CBIT 10th November 2011.



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Online Certifications:

1. Deep Learning, NPTEL, Jan-Apr 2025.
2. Cloud Computing, NPTEL, Jan-Apr 2024.
3. Introduction to Machine Learning. NPTEL, Jan-Sep 2022.
4. AWS Fundamentals: Addressing Security risk, 5th Oct 2020 COURSERA.
5. Neural Networks and Deep Learning, 24th Sep 2020 COURSERA.
6. AWS Fundamentals: Going native cloud, 27th Sep 2020 COURSERA.
7. Programming for Everybody (Python) 14th April 2020 COURSERA.
8. Cyber Security and IoT 28th April 2020 COURSERA.
9. AI for Everyone 21st May 2020 COURSERA.
10. Fundamentals of AI, Sep- Dec 2020 NPTEL.
11. Compiler Design, Jan-April 2019 NPTEL.
12. Data Mining, June-Nov, CEC.

Any Other Contribution:

1. Actively Participating in Social Welfare Activities.
2. Conducting GATE classes under PRERANA Scheme.
3. Training Students for Placements.
4. Life time member of Red Cross Society.