

Dr. A.Nagesh

Professor & Director (IT Infrastructure & Planning)



Education Qualifications: B.E(CSE), M.Tech (CSE), Doctor of Philosophy (CSE)
Specialization: Speech Processing

ADDRESS:

- D Block- Room No201

JNTUH ID:

92150405-183642

EMAIL:

anagesh_cse@mgit.ac.in

DATE OF JOINING:

01-08-1973

EXPERIENCE - 15 Years

- Teaching - 24
- Research -12
- Industry -1

SUMMARY:

- Publications - 57
- Conferences - 12
- Patents – 2
- Books – 1
- Hindex - 3

EVENTS:

- Organized - 7
- Attended - 19

Membership of Professional Bodies:

1. Life Member of ISTE LM35518.
2. Member of CSI F8002601

Responsibilities Held at Institution Level:

1. Director, IT Infrastructure and Planning from 18-07-2020 to till date.
2. Member of Ranking and Accreditation Cell Committee.
3. Coordinator, TASK From Feb 2020 to till date.
4. Worked as HOD, department of CSE, From 07.02.2013 to 31.07.2017.
5. Worked as HOD, department of CSE, From 07.02.2013 to 31.07.2017.
6. Vice Chairman of Nirvana-2015.
7. Worked as HOD, department of CSE, From 01.07.2010 to 30.11.2010.
8. Worked as HOD, department of IT, From 18.09.2003 to 05.10.2004.
9. Worked as HOD, department of IT, From 02.06.1998 to 07.07.1999.

Responsibilities Held at Department Level:

1. Member of the Department Advisory Committee.
2. UG Project Coordinator for one section.
3. Convener for Technical Fest QUBIT-2008, QUBIT-2010, QUBIT-2011, QUBIT-2012 & QUBIT-2013.
4. Coordinator for M.Tech -2019, NBA-2009, NBA-2014 and NBA-2017, NAAC.

Research Guidance:

1. One student's Ph. D submitted the thesis and four Ph.D students are under progress.

Honors/Awards Received:

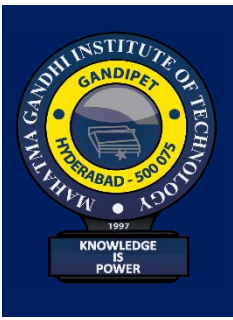
1. Distinguished Alumni award-2016 by MVSR Engineering College.
2. Best Paper award, IEEE 11th international Conference in Speech Processing, Beijing China, Sep 2012.

Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Machine Learning, Web Technologies, Java Programming, Principles of Problem Solving, Principles of Programming Languages, Database Management System, Data Structures, Operating System, C++ Programming Language, Linux Programming, Database Security.
- **PG:** , Web Technologies, Java Programming,

Publications:

1. A Madhavi, A Nagesh, A Govardhan, A Study on E-learning and Recommendation System, Recent Advances in Computer Science and Communication, **Volume: 13 Issue: 0,** Jul 2020 **Page: 1-18,** ISSN:2666-2588, Impact-factor:0.7



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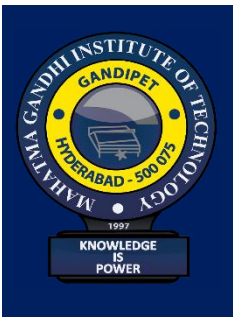
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2. D Vijay A Nagesh M Nagaratna, Novel Trust Model to Enhance Availability in Private Cloud, International Conference on Smart Computing and Informatics, Volume-224, Jul 2020, pp 473-485, Springer, ISSN: 2190-3018, Impact-factor:0.59, **springer**
3. D Vijay A Nagesh M Nagaratna, SLA-Based Trust Models to Enhance Availability in Private Cloud, International Journal of Advanced Science and Technology, Vol.29, No.5, 2020, pp 13941-13954, ISSN:2005-4238, **Scopus**, Impact-factor:0.59
4. G Kumar Dr S.Mohan **Dr A.Nagesh** Dr R.Arunkumar, A Novel Monarch Butterfly optimization with Greedy Selection with K-means Based Clustering Technique for Big Data Analytics, International journal of analytical and experimental model analysis, Vol.13, Issue-3, Mar 2021, pp 94-109,ISSN:0886-9367, **UGC-CARE Group II**.
5. Gurrampally Kumar Dr S.Mohan Dr A.Nagesh , An Ensemble of Feature Subset Selection with Deep Belief Network Based Secure Intrusion Detection in Big Data Environment, Indian Journal of Computer Science and Engineering, Vol.12, No.2, Mar2021, pp 409-420, ISSN:0976-5166, DOI:**Scopus**, impact-factor:0.19.
6. A Satya Sai Kumar, Dr A.Mohan, **Dr A. Nagesh**, Dr R.Arunkumar, An Enhanced Bat Algorithm Based Image Compression with Deep Learning Classification Model for Big Data Analytics in Healthcare Sector, The International Journal of Analytical and Experimental Model Analysis, Vol.13, Issue 2, Mar 2021, pp 110-130, ISSN: 0886-9367, **UGC-CARE Group II**, Impact factor:6.3.
7. A Satya Sai Kumar, Dr A.Mohan, **Dr A. Nagesh**, Metaheuristic Optimization Based Multi-key Enabled Encryption with Image Classification for Big Data Environment in Healthcare Sector, Indian Journal of Computer Science and Engineering, Vol.12, No.2, Mar2021, pp 396-408, ISSN:0976-5166, **Scopus**, impact-factor:0.19.
8. **A.Nagesh**, A Energy audit system for households using machine learning, International journal of Innovative technology and exploring engineering (IJITEE), Vol-10, Issue-7, May 2021, ISSN:2278-3075, pp 33-36.
9. Vijay Kumar Damera, **A Nagesh**, M Nagaratna, Improved Trust Model to Enhance Availability in Private Cloud, 1.6.2021, International Journal of Advanced Computer Science and Applications, Volume-12, Issue-5, Pages 856-862, Publisher the Science and Information (SAI) Organization.
10. **A.Nagesh**, Language Identification Based on Support Vector Machine using GMM Super Vectors, IJITEE, Volume-9, Issue-6, April 2020, Page No 1983-1986, ISSN: 2278-3075.
11. C.Sudha, D.Suresh ,**A. Nagesh**, Efficient Energy Usage in Cluster Formation by Optimizing Multi Objective Parameters using Whale Swarm Optimization Algorithm in HWSN, IJAST, Volume-29,Issue-5,April 2020, Page No 3989 – 4000 ISSN: 2005-4238.
12. C. Sudha, D. Suresh, **A. Nagesh**, An Enhanced Dynamic Cluster Head Selection Approach to Reduce Energy Consumption in WSN, Springer Nature Singapore Pte Ltd. 2020, H. S. Saini, Innovations in Electronics and Communication Engineering, Lecture Notes in Networks and Systems 107, Mar 2020, Page No 215-224. ISSN: 2367-3370.
13. **A. Nagesh**, M. Sadanandam, GMM-UBM Based Modeling for Language Identification using New Feature Vectors, IJITEE, Volume-9, Issue-4, February 2020, Page No 3034-3039 ISSN: 2278-3075, DOI:10.35940/ijitee.D1919.029420.
14. **Vijay** Kumar Damera, **A Nagesh**, M Nagaratna, Trust Evaluation Models For Cloud Computing, IJSTR,Volume-9,Issue-02, February 2020, Page No 1964-1971. ISSN 2277-8616.



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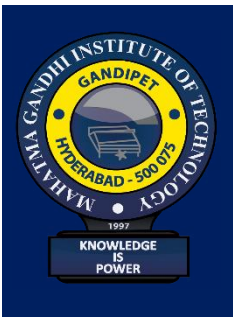
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15. C.Sudha,D.Suresh **A. Nagesh**, A Simple Balanced CH Selection Method For Network Life Time Maximization And Energy Utilization In Heterogeneous WSN, IJSTR, Volume-9,Issue-01 ,January 2020, Page No 4332-4338.
16. Vijay Kumar Damera, **A Nagesh**, M Nagaratna, Trust Issues in Cloud Computing, IJRTE, Volume-8, Issue-4 ,November 2019, Page No 8303-8308, ISSN: 2277-3878.
17. **A. Nagesh**, M. Sadanandam , GMM-UBM Based Modeling for Language Identification using New Feature Vectors, IJITEE (**Scopus**), ISSN: 2278-3075 , Volume-9 Issue-4 , February 2020
18. C.Sudha, D.Suresh, **A. Nagesh**, A Simple Balanced CH Selection Method For Network Life Time Maximization And Energy Utilization In Heterogeneous WSN, IJSTR (**Scopus**), ISSN 2277-8616, Volume 9, Issue 01 , Jan 2020
19. Vijay Kumar Damera, **A Nagesh**, M Nagaratna, Trust Issues in Cloud Computing, IJRET (**Scopus**) ISSN: 2277-3878, Volume-8 Issue-4, November 2019.
20. Sudha, **A.Nageh** , Classification of WSN Routing Protocol Based On Clustering, IJCST, ISSN: 2249-0701 , Vol.7 No.S1, Nov 2018.
21. Sudha, **A.Nageh**, A Review on Wireless Sensor Network Simulation Tools, IJCST, ISSN: 2249-0701 , Vol.7 No.S1, Nov 2018.
22. Sudha, A.Nageh, A Comprehensive Survey on Data Mining Techniques in Wireless Sensor Networks, IJCSE, E-ISSN: 2347-2693, Volume6, Issue 6,June 2018.
23. **Dr A.Nagesh** , New feature vectors for language identification using Deep Neural Networks, IJERMT, ISSN:2278-9359, volume6, Issue 9, September 2017.
24. **Dr A.Nagesh**, New features vectors using GFCC for speaker identification, IJERMT, ISSN:2278-9359, volume6, Issue 8, August 2017.
25. B.Neerajakshi & **A.Nagesh** , Reducing network traffic cost for big data applications by using data partition and aggregation in dynamic manner, IJSETR,ISSN 2319-8885, Volume.06, Issue.23.
26. **Dr A.Nagesh** , New set of features vectors for speaker identification using GMM, IJARCSSE, ISSN: 2277 128X, Volume 7, Issue 7,June 2017.
27. **A.Nagesh**, A.Gopi ,MNS Gangadher, Information retrieval system for internet of things, IJPT, ISSN: 0975-766X, Volume 9, Issue No.2, June 2017.
28. **Dr A.Nagesh**, A.Gopi, Secure communication in Internet of Things, IJWNC, ISSN 0975-6507, Volume 9,Number 1, April 2017.
29. **A.Nagesh**, B Nishanth Reddy and T Pravallika Reddy, Secure Procedure assumption on images uploaded by user in content distribution sites, IJRRECS,ISSN 2321-5461, Volume-4, Issue-11, pp.6623-6628, Nov 2016.
30. **A.Nagesh**, B Nishanth Reddy and T Pravallika Reddy, Mining and knowledge discovery from large database, IJITR, ISSN: 2320-5547, Volume-4, Issue-6,pp.5204-5206, Oct-Nov 2016.
31. Bukya shanker, **A.Nagesh**, Implying delay/no-delay queue requests at unwired base station, IJRRECS, ISSN 2321-5461, Volume-4, Issue-6, pp.6715-6720, Sep 2016.
32. Ch Sudha, **A.Nagesh**, Improving the performance of wireless sensor networks: A survey , IJR, ISSN:2348-6848, Volume 3, Issue 05, March 2016.

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33. **A.Nagesh**, New feature vectors for automatic text-independent speaker tracking system, using Hidden Markov model, IJARSE, ISSN 2319-8354, Volume 05, Issue No.01, pp.13-18, Jan 2016.
34. Dr A Nagesh, A comparison of feature extraction methods for language identification using GMM, IJETT, ISSN:2231-5381, Volume 31 number 4, pp.218-222, Jan 2016.

Conferences:

1. An Enhanced Machine learning data aggregation model for Efficient data processing in wireless sensor networks, C Sudha, D Suresh, A Nagesh, 2021.7.8, 2021 6th International Conference on Communication and Electronics Systems (ICCES), Pages, 1748-1753, Publisher: IEEE.
2. A Hruday Tej Dr A.Nagesh N.Ramadevi, Comparative Study of Single Image Super Resolution Techniques, 1st International E-Conference on Emerging Trends in Circuit Branch Technologies and Applications, Apr 2021, CBIT.
3. A Summary on sentiment analysis, ICACSIT-2019, Institute for Technology and Research, Nov 2019.
4. A novel approach for advanced persistent threat detection using Big data analytics with hadoop as service anomaly, ICCSPCIT-2016, Malla Reddy college of Engg & Technology, Hyderabad, Dec 2016.
5. Text Independent Language Recognition System Using DHMM with New Features, **IEEE 11th ICSP , Beijing China**, Sep 2012.

Patents:

1. Patent on “A Novel Real Time Sentiment Data Classification System with Enhanced Long Short Term Memory” was published on 17.04.2021 along with Dr Suma and Dr Ch Ramesh ; No: 202141017859
2. Patent on “Artificial Intelligence & Internet of Things Based Pedestrian Traffic Display” was registered for Grant on 11.12.2021 along with Dr Ch Ramesh and Ch Swathi; No:354775001.

Research & Consultancy:**No. of Books/Chapter Published with details:**

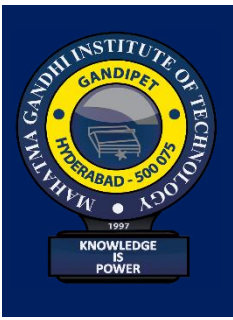
1. A.Nagesh, Automatic Text Independent Language Identification ,(ISSN (E): 2347-5900 ISSN (P): 2347-6079), IJETR Publishing , 2013.

Events Organized:**FDPs/STTPs:**

1. National Level One week FDP on Computer Networks Simulation Using NS2, from 10.8.2020 to 14.8.2020.
2. National level one week FDP on Image Processing and Applications.

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

1. Three day workshop on Network Simulator2 (NS2) conducted by department of CSE and TASK, Government of Telangana, from 03.02.2020 to 05.02.2020.
2. Three day workshop on Network Simulator2 (NS2) conducted by department of CSE and TASK, Government of Telangana, from 20.01.2020 to 22.01.2020.
3. One day workshop on MOOC Aptitude & Reasoning, conducted by department of CSE and TASK, Government of Telangana, 18.01.2020.
4. Three day workshop on Database Programming with SQL, conducted by department of CSE and TASK, Government of Telangana, from 19.9.2019 to 21.9.2019.



5. Three day workshop on Database Programming with SQL, conducted by department of CSE and TASK, Government of Telangana, from 16.9.2019 to 18.9.2019.

Events Attended

FDPs/STTPs:

1. Programming in Java, One week , NPTEL, Dec 2020.
2. Outcome Based Education and Accreditation, One week FDP, conducted by ISTE Telangana Section and JNTUCEJ , From 5.10.2020 to 9.10.2020.
3. Relevance of Mathematics to Core Engineering Science, One week FDP, conducted by MGIT, From 12.10.2020 to 16.10.2020.
4. Research Avenues in Machine Learning Approaches for Pattern Recognition, One week STTP, Sponsored by AICTE and conducted by MGIT, from 24.8.2020 to 28.8.2020.
5. Yoga: A Science of Breath and Meditation for Subtle Energy Channeling, One week FDP, MGIT Association with Datta Kriya Yoga International Center Mysore, from 06.07.2020 to 10.07.2020.
6. Problem solving through Programming in C, One week , NPTEL, Oct 2019.
7. Data Handling and Data Visualization using Python, One week FDP, SIET, from 22.06.2020 to 26.06.2020.
8. Art of writing papers and Research Methodologies, One week , AICTE, from 07.05.2020 to 13.5.2020.
9. Data Analytics present and future, One Week FDP, ATAL Academy, From 11.05.2020 to 15.05.2020.
10. Python 3.4.3, One week, Spoken Tutorials, IIT Bombay, from 11.5.2020 to 15.5.2020.
11. Introduction to Data Science, one week FDP, Gutur Engg college, May 2020.
12. Role of Machine Learning & Data Sciences in AI, One week FDP, Dept. of CSE , M&H & MGIT, From 28.6.2020 to 02.07.2020.
13. Computer vision and Pattern Recognition, One Week FDP, ATAL Academy, from 21.9.2020 to 25.9.2020.
14. Big Data Analytics with Deep Learning, One Week FDP, ATAL Academy, from 18.8.2020 to 22.8.2020.
15. Winter School on Speech and Image Processing (WISP), One week workshop, IIIT Hyderabad, Jan 2010.
16. Winter School on Speech and Signal Processing (WISSAP), One week FDP, IIT Kharagpur, Jan 2009.
17. Winter School on Speech and Signal Processing (WISSAP), One Week FDP, IIT Madras, Jan 2007.
18. Faculty Enablement Program (FEP), Two Week FDP, Infosys & IEG-JKC. May 2006.
19. Winter School on Speech and Signal Processing (WISSAP), One Week FDP, IISc Bangalore, Jan 2006.

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

Online Certifications:

1. Programming in Java, NPTEL, IIT Kharagpur Sep 2020 to Dec 2020.
2. Aws Programming, Courseera, Sep 2020.
3. Natural Language Processing with Classification and Vector Space Coursera, Sep 2020.
4. Cloud Computing Basics, Learn Quest, Coursera, Jul 2020.

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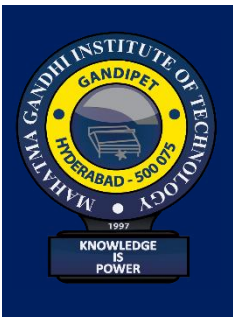
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5. Programming for Everybody, Coursera, May 2020.
6. Programming Fundamentals (Python), Coursera, May 2020.
7. Python Data Structures, University of Michigan, Coursera, May 2020.

Any Other Contribution:

1. Chaired the Technical Session International Conference on Rough Sets and Knowledge Technologies, 11 November 2014 conducted by Dept. of CSE, JNTUH.
2. Chaired the Technical Session 1st International Conference on Computational Intelligence & Informatics (ICCI-2016), 28-30 May 2016 conducted by Dept. of CSE, JNTUCEH in Association with CSI India.
3. Chaired the Technical Session 6th IEEE IACC-2016, 27-28 Feb 2016 conducted by SRKR Engineering College.

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