

Name of Faculty Dr. Vanitha Guda
 Designation Associate Professor
 Nature of Job/Appointment Regular
 Date of Joining 14 – 08 - 2006



Email gvanitha_cse@cbit.ac.in

Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (CSE)	Awarded
PG	M.Tech. (CSE)	First with Distinction
UG	B.Tech (CSE)	First with Distinction

Work Experience

Teaching	18 Years
Research	08 years
Industry	--
Others	--

Area of Specialization Information Retrieval, Machine Learning, Data Science, Deep Learning and Computational Intelligence.

- Professional Memberships
- Member, IAENG Number: 256459
 - Member, CSI Number: L1504163
 - Member, ISTE: LM105053

- Responsibilities held at Institution Level
1. Member for ARIIA Institute Level
 2. Convener for the Shruthi Cultural Event Academic yrs. 2024, 2023 ,2022

- Responsibilities held at Department Level
1. Coordinator, Internship of UG
 2. Department Coordinator for IIC and ACIC
 3. Member for Institute Innovation Ambassador Program
 4. Coordinator for IOT Center of Excellence, Kernel Sphere
 5. Member, Cyber Security Center of Excellence, Zoom Technologies & CBIT, Hyderabad.
 6. Coordinator for Department Fest Events like "Design Freaks, Paper Presentations and Data Addicts".
 7. Class in-charge for 3rd and 4th year students.
 8. Conducted 3 DAY HACKATHON as a Staff Coordinator in CBIT, 18.02.2019 to 20.02.2019
 9. Member, Course Expert Group
 10. Coordinator for Placement Information from the Acc yr. 2018-19,19-20 and till date
 11. Course Coordinator for several subjects like Formal Languages and Automata Theory, Compiler Construction, Natural Language Processing and Speech NLP.
 12. Convener, Sudhee-2017
 13. Convener Head start 2K16

Research Guidance ---

Awards Received Received National level "Pre-eminent Researcher National Award 2022", Chennai Teacher's Council (CTC), November 2022.

Courses Handled at Under Graduate / Post Graduate Level.	UG Level: Natural Language Processing, Machine Learning, Formal Languages and Automata Theory, Compiler Design, Data Mining, Data Structures, Artificial Intelligence, Free and Open Source. PG Level: Business Analytics, Data Analytics
No. of Papers Published	National Journals –01 International Journals – 14 National Conference –02 International Conference – 10
Projects Carried out	Institute Level: GPS Tracking Project Association with Kernel Sphere AI Transformer Project, Mobile App Developments and Website Design Projects associated with Kernel Sphere 1. Patent No:202041035785 A Members: Guda Vanitha, S. Suresh Kumar SanamPudi Title: A Model for Event Time Extraction And Its Application to Temporal Question Answering System 2. Patent No : 201941028900 Members : Dr. V. Bhoopathy, Dr Thayyaba , Vanitha Guda , Nusrath Khan, Dr G.Sridhar Title : A System and Method of Biometric Identification Based on Distributed Internet of Things Lock and Unlocking ThereOf. 3. Patent No: : 202041031963 Members: Dr Sreekala Dr B Indira G Vanitha G Ramadevi Title : An IOT Based Novel Framework For Monitoring Behaviour of Autism Affected Persons 4. Patent No: No.2021106681, International Patent on : “A Model for Event Time Extraction And Its Application To Temporal Question Answering System” Published Publication Date: 24/08/2021
Patents	
Technology Transfer	ICT Tools 1. Resource Person for the One Week National Level Faculty Development Programme on “Research Advancements in Natural Language Processing”, Jan29-Feb02,2024. 2. Delivered Talk in “National Level Bootcamp on Generative AI” Feb 2024. 3. Presented Paper in 3rd International Conference on Cognitive & Intelligent Computing, December 2023 4. Paper Presentation at IEEE International Conference RTEICT on 20-21 may 2016 5. Paper Presentation at Springer International conference IC3T on 5th -6th November 2016 6. Paper Presentation at Springer International conference ICICSE on 22nd -23rd July 2016 7. Delivered Lectures for Infosys Campus Connect Program at College during 9/2/15 to 14/2/15 and 2/3/15 to 07/3/15. 8. Paper Presentation at National conference NCRTST on 25th -26th February 2015. 6. Delivered lectures for the subject “software engineering” in Infosys Campus connect training program Feb 2013
Invited Speaker	
No. of Books/Chapter Published with details	Published Books : “The Era of Artificial Intelligence and Machine Learning (National)”, Dr Srikala, Dr G Vanitha and Dr B. Indira GCS & ISBN No: 978-93-94304-52-9. Published Book Chapters – 1. Transformer Data Analysis for Predictive Maintenance Second International Conference on Advances in Computer Engineering and Communication Systems ICACECS2021, ISBN:2524-565https://doi.org/10.1007/978-981-16-7389-4_21, ICACECS2021. 2. Book Chapter: “A Hybrid Method for Extraction of Events from Natural Language Text” is published in Springer Nature Singapore Pte Ltd. 2018. S.C. Sat apathy et al.(eds.), Data Engineering and Intelligent Computing, Advances in Intelligent Systems and Computing 542, DOI 10.1007/978-981-10-3223-3_28. 3. Book Chapter: “ A Paper entitled “Pattern Based Extraction of Times From Natural Language Text” is published in © Springer Nature Singapore Pte Ltd. 2017. H.S.Saini et al. (eds.), Innovation in Computer Science and Engineering, Lecture Notes in Networks and Systems 8, DOI 10.1007/978-981-10-3818-1_6.

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Training (**Attended and/or Organized**).

1. Successfully Completed Institute Innovation Ambassador Training Program Certification.
2. One of the Organizer member for organizer of Five Day International STTP on Blockchain for Digital Transformation conducted from 12-16th August 2021.
3. One of the Organizer member for organizer of Five Day International Workshop on "Building Data-Driven Solutions Using Data Analytics with ML and DL Algorithms " held virtually during 24 - 28 June, 2021.
4. Certified for Google Edu cloud Certified for 2021 on "Additive Curricular Support "
5. Won Best Paper Award in International Conference for the paper entitled as " Transformer Data Analysis " at ICACES-21.
6. Successfully Completed Course Era Courses :Machine learning Specialization, Introduction and Programming with IOT Boards, Introduction to HTML, Machine Learning for All, Programming For Every One, Machine Learning for All, Design Thinking for the Greater Good, Big Data Emerging Trends, Emerging Technologies: From Smartphones to IOT to Big Data, Python programming, AI, courses successfully completed.
7. One of the Coordinator for one week online refresher course on "Bharateeya Chaitanya" organized by Geervana Bharathi of Chaitanya Samskruthi during 29-06-2020 to 05-07-2020.
8. Attended Two Weeks National Level Online Faculty Development Program On INTERNET OF THINGS Organized by Department of Electronics and Communication Engineering from 27-06-2020 to 10-07-2020.
9. Attended one week National Level FDP on Cyber Security Organized By CSE MGIT in association with Supraja Technologies from 7-12-2020 to 12-7-2020.
10. Attended One week FDP on "Role of Machine Learning and Data Sciences in AI " Organized by department of CSE and M&H MGIT from 28th June to 2nd July 2020.
11. Attended STTP on recent trends and applications of machine learning and deep learning in it organized by department of IT, RAIT, New Mumbai Meerut May 22nd may 29th 2020
12. Faculty development Program on machine learning and data analytics using python organized by Electronics and ICT Academy IIT Rurkee from 5th May to 13 May 2020 .
13. Skill enrichment program on Data science organized by Ratan founders from 4th May to 17th May 2020.
14. Attended FDP by All India Council for Technical Education on Topic of Data Sciences organized by MSME Technology, Meerut, From 20th April 2020 to 24th April 2020.
15. Attended One Week FDP on "Outcome Based Education and NBA Activation Process" from 28-5-2020 to 2- 6-2020.
16. Attended Training and Certification program on Natural language processing by Tech Trunk, on 19 April 2020.
17. Attended 5 Day Faculty Development Program Organized by CSE, CMR Technical Campus on Artificial Intelligence and Machine Learning from 18th may 2020 to 22nd May 2020.
18. Attended 5 day online FDP on R programming organized by Indo global group of college's New Chandigarh in association with IIT Bombay from 27th April to 1st may 2020. 14. Attended India first Leadership Talk by Professor DP Singh chairman UGC by MHRD 9th may 2020.
19. Successfully completed online workshop on Basics of Machine learning organized by create IISER, Bhopal with support of NPTEL, IIT Madras on April 27,2020. Attended India first Leadership Talk by MHRD by on 2nd may 2020.
20. Attended Leadership Talk by Dr Pramod by MHRD On 16th May 2020.

21. Attended Webinar organized by internal quality assurance cell IQ by Rai university Ahmedabad India on June 4th 2020
22. Successfully completed 12 Weeks- NPTEL Course on NBA Accreditation and teaching learning in engineering on the Swayam.
23. Participated in World Environment Day quiz organized by shri Ram Swaroop Memorial University got the certificate for 100% score 6th June 2020.

Details of Journal Publications/
Conferences (National and
International)

International Journals:

1. Sreshta Putchala & Vanitha Guda, "Covid19 Patterns Analyzation Using Machine Learning" Volume: Issue .Journal of Interdisciplinary Cycle Research (JICR), 2021, ISSN:0022-1594 UGC:21259.
2. Vanitha Guda & SureshKumar S "Building Graph for Events and Time in Natural Language Text", Volume-9 Issue-3. Elsevier) International Journal of Innovative Technology and Exploring Engineering (IJITEE),2020, ISSN:2278-3075,DOI:10.35940/ijiteeC8419.01932
3. .Vanitha Guda, Shalini, K,Shivani, "Heart Disease Prediction Using Hybrid Technique", Volume XII, Issue VI. ISSN NO: 0022-1945, UGC:21259 CARE LIST-I
4. Vanitha Guda, Dr Y. Rama Devi, "Event Extraction and Classification from English Articles", Volume-8 Issue-2Scopus International Journal of Recent Technology and Engineering (IJRTE) 2019
5. Vanitha Guda, SureshKumar S, "Event -Time Relation in Natural Language Text" Volume-8 Issue-6.ISSN:2249– 8958, DOI: 10.35940/ijeat.F7976.088619 (Scopus)International Journal of Engineering and Advanced Technology (IJEAT) 2019
6. Vanitha Guda, SureshKumar S "Event Time Relationship in Natural Language Text", iJES – Vol. 7, No. 3.International Journal of Recent Contributions from Engineering, Science & IT(iJES)- 2019 DOI:https://doi.org/10.3991/ijes.v7i3.10985
7. Vanitha Guda, Manish Gola, Akhilesh Datta, "Performance Analysis of Learning Models on Medical Documents" Volume 4 Issue 12ISSN: 2349-6002,International Journal of Innovative Research in Technology 2018.
8. Vanitha Guda, Suresh Kumar S, "Extraction of Temporal Events in Natural Language Text", Volume 6– No.1ISSN: 2250-1797(Scopus) International Journal of Computer Application 2016
9. Nishat Tabassum, Vanitha Guda "Network Congestion Control by Using Fuzzy Logic", Vol. 10 No.81ISSN 0973-4562, International Journal of Applied Engineering Research, 2015.
10. Vanitha Guda- et al, "A Novel Model for Timed Event Extraction and Temporal Reasoning In Legal Text Documents" Vol.2, No.1DOI : 10.5121/ijcses.2011.2103International Journal of Computer Science & Engineering Survey (IJCSSES) 2011.
11. Vanitha Guda- et al, "Approaches for Question Answering System", Vol. 3 No. 2ISSN: 0975-5462 (Scopus)International Journal of Engineering Science &Technology(IJEST), 2011.
12. Vanitha Guda- et al, "Reasoning in Legal Text Documents with Extracted Event Information" Volume 28– No.7ISSN: 0975– 8887 (UGCInternational Journal of Computer Applications, 2011 .
13. Venkateswarlu Naik, Vanitha Guda- et al, "Various Approaches to Represent Legal information", Vol 1 (3),277-281.ISSN: 2249-1945,(UGC) ,Global Journal of Computer Science and Technology (GJCST) , 2011.
14. Vanitha Guda- et al "An Approach for Information Retrieval using NLP Techniques", Vol 1 (3), 270-276.ISSN: 2249- 1945(UGC)Global Journal of Computer Science and Technology (GJCST) 2011.

International Conferences:

1. Srujana Inturi Vanitha Guda "Unveiling the Shadows: A Comprehensive Study on Depression Detection through Machine Learning Models"- Proceedings of the Third International Conference on Cognitive and Intelligent Computing, Volume 1 - ICCIC2023, 8-9 Dec., Hyderabad.
2. Vanitha Guda, Suresh Kumar Sanam Pudi, "Latest Trends and methodologies for Event Time Relation Extraction Applications In Natural Language Text" , Thirteenth International Conference on Computational Intelligence and Information Technology CIIT2023. Association of Computer Electrical Electronics and Communication Engineers (ACEE Com)April 28-29, 2023.
3. Vanitha Guda, Indira Baddam, Suresh Kumar Sanam Pudi, "Streaming Object Detection and Recognition with Advanced Deep learning Techniques5th International Conference on Recent Advancement In Engineering And Technology (ICREAT-2023),Institute for Engineering Research and Publication (IFERP) May 19-20 2023.
4. Sresta Putchala Rohit Vanitha Guda RamaDevi Y "Transformer Data Analysis for Predictive MaintenanceISBN:2524-7565,https://doi.org/10.1007/978-981-16-7389-4_21,Second International Conference on Advances in Computer Engineering and Communication Systems,ICACECS 2021ICACECS2021, by VNR Vignan Jyothi Institute of Technology August 13th- 14th 2021.
5. "Sreshta Putchala and Vanitha Guda "Patterns of Covid19 spread in India" AIP Conf. Proc.2407, 020033-1–020033-5; https://doi.org/10.1063/5.007431International Conference on Advances in Signal Processing, VLSI, Communications and Embedded SystemPublished by AIP Publishing. 978-0-7354-4165-1/\$30.00- 020033-1June 19th -20th 2021.

6. Vanitha Guda and S.K. "A Hybrid Method for Extraction of Events from Natural Language Text" https://doi.org/10.1007/978-981-10-3223-3_28 (Scopus) Data Engineering and Intelligent Computing, Advances in Intelligent Systems and Computing Springer Nature Singapore, 2018
7. Vanitha Guda and Suresh Kumar S "Pattern Based Extraction of Times from Natural Language Text" DOI 10.1007/978-981-10-3818-1_6 (Scopus) Innovations in Computer Science and Engineering, Lecture Notes in Networks and Systems Springer Nature Singapore Pte Ltd. 2017 H.S. Saini et al. (eds.), 8, 2017.
8. Vanitha Guda, Suresh Kumar Sanampudi, "Rules based Event Extraction from Natural language Text" DOI : 10.1109/RTEICT.2016.7807771, (Scopus) IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT) 2016 Sri Venkateswara college of Engineering, Bangalore, May 20-21 2016.
9. Crowd Sourcing Issues and Challenges– A Survey Vanitha Guda and Suresh Kumar S National Conference on Recent Trends in Science and Technology (NCRST - 2015) Jawaharlal Nehru university of Technology, Jagityal, 2015.
10. Vanitha Guda and Suresh Kumar S "Role of Women leadership in Science and Technology" National Conference of women Perspective of women in Multi disciplinary Areas Jawaharlal Nehru university of Technology, Jagityal 2015.
11. Suresh Kumar Sanampudi and Vanitha Guda "A Question Answering System Supporting Temporal Queries ICAC3 2013, CCIS 361, pp. 207– 214 https://doi.org/10.1007/978-3-642-36321-4_19 International Conference of Advances in Computing, Communication and Control. Springer-Verlag Berlin Heidelberg 2, 2013 January 18-19th 2013.

