

Name of Faculty Dr. D. NAGA JYOTHI

Designation Assistant Professor



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Education Qualifications

	Name of the Degree	Class
Ph. D	Doctor of Philosophy (CSE)	Completed
PG	M. Tech. (CSE)	First class
UG	B. Tech(CSE)	Distinction

Work Experience

Teaching	17 years 6 months
Research	6 years
Industry	--
Others	--

Area of Specialization Databases, Data Analytics, Machine Learning, Artificial Intelligence , Causal Machine Learning

Professional Memberships IEEE, ACM, AMIEE

Responsibilities held at Institution Level **ACM Student chapter – Faculty Incharge**

Responsibilities held at Department Level

1. Attendance Incharge
2. Class Incharge
3. Member – NBA UG(Criteria 2, criteria 3)
4. Mentor
5. Internship Coordinator

Research Guidance --

Courses Handled at Under Graduate / Post Graduate Level. Database Management Systems, Data mining, Data Science and Big Data Analysis, Distributed computing, Data Communications and Computer Networks , Basics of Artificial Intelligence, Natural Language Processing, PSPC

No. of Papers Published National Journals – 00 International Journals – 09

National Conference – 01 International Conference – 00

Projects Carried out --

Patents 03

Technology Transfer --

Invited Speaker (Few Important/Prominent) --

No. of Books/Chapter Published with details 02

Workshops Attended:

1. *successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on **Artificial Intelligence in Data Science Applications** at MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY from 13/12/2024 to 19/12/2024.*
2. served as a Co-Coordinator for the **One Week Online International Faculty Development Program on Applied Deep Learning**. Organized by the Department of Artificial Intelligence and Machine Learning, CBIT.
3. Participated in a 40 – hour Online FDP on : Future Trends in Deep Learning and Machine Learning Challenges and Applications” sponsored by MeitY, Gol, organised by E&ICT Academy, NIT Warangal, Telangana State in CBIT, Hyderabad 6th – 11th January, 2025.

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

4. Participated in one – day in - house workshop on NEW NBA EVALUATION GUIDELINES FOR UG(B.E/B.TECH) IN ENGINEERING / TECHNOLOGY held on 22nd February, 2025 organised by IQAC, CBIT.
5. Worked as a Faculty coordinator for the **NEUROVERSE in "Sudhee-2025"** 04th – 05th March 2025 at **CBIT**.
6. Successfully completed the 40 hours (3-Credits equivalent) FDP on **Quantum Technologies & Applications**, February 28 - March 22, 2025, jointly organized by various Academies, funded by MeitY and endorsed by DST - NQM / AICTE / UGC.
7. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Computational Foundation for Data Science" from 26/07/2021 to 30/07/2021 at Banaras Hindu University Varanasi.
8. Participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 16 August, 2021 to 20 August, 2021.
9. Supported as organizing committee member for Five Day International Workshop on "Building Data-Driven Solutions Using Data Analytics with ML and DL Algorithms" held virtually during 24 - 28 June, 2021 organized by Department of Computer Science and Engineering, CBIT.
10. Supported as an organizer for Five Day International STTP on "Blockchain for Digital Transformation" organized by Department of CSE, CBIT(A), Hyderabad, Telangana, INDIA held virtually during 12 – 16 August, 2021.
5. Completed successfully 2-week online patent course by TURNIP Innovations from 12th October to 26th October,2021.
6. Attended and completed the Faculty Development Program on "Accelerate Research" conducted during 28th October to 02nd November 2021.
7. Had attended and cleared 12 - week NPTEL course from July 12th to October 23rd , 2021 on "Learning Analytics tools" .
8. Successfully completed one week FDP on OBE-NBA (UG) during 28 – 5- 2020 to 01 – 06 – 2020 Organised by CBIT.
9. Completed FIVE DAY WORKSHOP ON "PATENT SEARCHING, DRAFTING AND FILING" (ONLINE MODE) from 29-05-2020 to 02-06-2020 In Association with Turnip Innovations and Exilyze Intellectual Services ,IEEE COMPUTER SOCIETY & COMPUTER SOCIETY OF INDIA.
10. Participated in the 2 Days Instructor Led Live Online Workshop On ML & AI Using Covid-19 Virus Data Analysis held during 27 - 28 April 2020 Organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.) In Association with NSS - IIT Roorkee
11. Attended one week FDP "Computational Approach in Big Data Analytics Applications" (16th Dec 2019 to 21st Dec 2019) Organised by Electronics & ICT Academy, NIT Warangal at Vasavi College of Engineering (Autonomous), Hyderabad
12. One week short term course on ERM(Engineering Research Methodologies) from 15- 20 April,2019 organized by Dept. of Mechanical engineering, Osmania University.
13. 5 – day AICTE-ISTE approved refresher Programme AI-IOT from 26/11/18 to 1/12/18 organized by Dept. of CSE,CBIT and sponsored by AICTE.
14. International Workshop on Big Data and Machine Learning (IWBDML – 2017) for 2 days (27th & 28th march, 2017) organized by CSE, CBIT
15. One week National level FDP on" Data Analytics using R" from 20th – 25th march, 2017 organized by Dept. of IT, CBIT.
16. National Workshop on "Privacy Preserving & ICT: Research Ideas" for 2 days (2nd & 3rd March, 2017) organized by CSE, CBIT
17. One week National level FDP on " Emerging Trends, Issues and Challenges in Big Data and Cloud Computing(ETIBDCC-2017)" from 20th – 25th February,2017 organized by CSE, CBIT
18. Workshop on "Cloud Computing" for 2 days (7th & 8th September,

2016) organized by CSE, CBIT

19. A one week Workshop on Deep learning for visual computing(WDVLC-2016) during 20th -25th june,2016) at IIT-Hyderabad
20. .A FDP on Data warehousing and Business Intelligence for 10days(25/4/2016-5/5/2016) organized by CBIT in association with NIT Warangal
21. Workshop on “Application of open source computer tools in biology” for 2 days(21st,22nd march,2016) organized by CSE,BIO-Tech-CBIT
22. National level workshop on ” Intelligence and security informatics” for 2 days(24th ,25th july,2015) organized by CSE, CBIT
23. National level workshop on ” Next Generation Devices and computing” for 2 days(28th ,29th march,2015) organized by CSE, CBIT
24. In-house FDP for 3 days(5-7th August 12, 2014) organized by CSE, CBIT

Other courses attended :

1. Completed NPTEL 12 – week course “An Introduction to Artificial Intelligence” on the SWAYAM platform (swayam.gov.in), during the Jan-Apr 2020 semester.
2. Completed a 7 – week course in Coursera Response Program for CBIT - “Programming for Everybody (Getting Started with Python”) , during the Jan-Apr 2020 semester
3. Completed the assignments, yet to appear for the exam (due to covid breakdown) 8 – week course on “Accreditation for Undergraduate Engineering Programmes”, on Swayam platform, during the Jan-Apr 2020 semester.
4. Completed the assignments, yet to appear for the exam (due to covid breakdown) 8 – week course on “AICTE - NITTT - Module 7 Creative Problem Solving , Innovation and Meaningful R & D”, on swayam platform, during the Jan-Apr 2020 semester
5. Attended and Cleared NPTEL course in Data base management system in April 2018.
6. Attended and Cleared NPTEL course in Data Mining in April 2018

Other Achievements:

1. Appeared and cleared TSSET in February 2018.
2. Qualified for Assistant Professor in CBSE-UGC NET - July 2018.
3. Got admitted to Ph.D. Programme at Osmania University in September 2018.

International/National Journals from the Year 2017

1. Jyothi, D. Naga, and Uma N. Dulhare. "Strategic Decision-Making Models Using Data Analytics in Educational Institutions." In *Advances in Intelligent Systems*, pp. 59-74. Apple Academic Press, 2025.
2. Jyothi, D. Naga, and Uma N. Dulhare. "Student Learning Based Data Science Assisted Recommendation System to Enhance Educational Institution Performance." *International Journal of Intelligent Engineering & Systems* 17, no. 4 (2024).
3. Jyothi, D. Naga, and UMA, N. DULHARE. "Understanding and analysing causal relations through modelling using causal machine learning." *International Journal of Computational and Experimental Science and Engineering (IJCESEN)* 11, eISSN: 2149-9144, no. 1 (2024).
4. D. Naga Jyothi, Dr. Uma N. Dulhare, "Inferring the Causal Relationships in Student Placements' Performance using Causal Machine Learning", *International Journal of Intelligent Systems and Applications in Engineering IJISAE*, 2024, 12(4), 2272–2281.
5. Dulhare, Uma N., D. Naga Jyothi, Bhavana Balimidi, and Rama Rithika Kesaraju. "Classification models in education domain using PSO, ABC, and A2BC metaheuristic algorithm-based feature selection and optimization." In *Machine Learning and Metaheuristics: Methods and Analysis*, pp. 255-270. Singapore: Springer Nature Singapore, 2023.
6. D. Naga Jyothi, G. Mamatha,"A Time Series Forecasting with different Visualization Modes of COVID19 Cases throughout the World", *International Journal for Research in Applied Science and Engineering Technology(IJRASET)*, ISSN No: 2321-9653, Volume 9, Issue VI, June 2021 .
7. D. Naga Jyothi, Kowshik Reddy, S. Sharath Chandra, "AUTOMATIC DESCRIPTIVE ANSWER ASSESSMENT USING TECHNIQUES OF NATURAL LANGUAGE PROCESSING", *GRADIVA REVIEW JOURNAL*, an UGC - CARE approved Group-II Journal , ISSN NO : 0363-8057,VOLUME 7 ISSUE 6 2021.
8. D. Naga Jyothi, "Book Recommendation System using Neo4j Graph Database" *The International journal of analytical and experimental modal analysis (IJAEMA)*, an UGC - CARE approved Group-II Journal with ISSN No : 0886 – 9367 in volume – XII, issue – VI, June – 2020.
9. G.Mamatha, D. Nagajyothi, " MQTT, AMQP AND WIRELESS HART PROTOCOL STANDARDIZED IN INTERNET OF THINGS", *IJRAR(International Journal of Research and Analytical Reviews)*, E-ISSN 2348-1269, P – ISSN 2349-5138, Volume 6, Issue 2, May 2019.
10. D. Naga Jyothi, Dr. Y. Rama Devi , "Reconnoitring the Higher education systems using Big data Analytics" in *International Journal for Science and research (IJSR)* in Volume 7, Issue 5, May 2018.
11. D. Naga Jyothi, Ch. VijayaLakshmi, G. Kavitha , "Exploring the major research areas and Future of IoT(Internet of Things) ", *IJCEA*, ISSN No - 2321-3469, VOLUME- XI,ISSUE 1, JANUARY 2017.

International /National Conferences from the Year 2017

12. Ch. VijayaLakshmi, G. Kavitha, D. Naga Jyothi ," Extracting emerging patterns from high dimensional data with causal effect markov blanket" organized by NCIS- 2015, CSE, CBIT