

1 Name of Faculty D.JAYARAM
 2 Designation Assistant Professor
 3 Nature of Job/Appointment Regular
 4 Date of Joining 01-11-2000
 5 E-mail djayaram_it@cbit.ac.in



6 Education Qualifications	Name of the Degree	Class
(Ph. D)	Doctor of Philosophy (CSE)	Thesis Submitted
PG	M. Tech. (CSE)	First
PG	MCA	First
UG	B. Sc.(M.P.C)	First

7 **Work Experience**

Teaching 23 Years
 Research 07 Years
 Industry 01 Year
 Others ---

8 Area of Specialization Machine Learning, Deep Learning , Image Processing, Natural Language Processing.

9 Professional Memberships Life Member of ISTE
 Membership No: LM33899

10 Responsibilities held at Institution Level

1. Worked as Co-In-Charge, Academics and Examinations Branch, CBIT from 04-08-2016 to 03-08-2018.
2. Member, Academic Audit Committee
3. Worked as Editorial Board Member of CBIT News Letter
4. Coordinators, Faculty & Students Satisfaction Survey conducted by TEQIP

11 Responsibilities held at Department Level

1. Member, Board of Studies,
2. NBA Coordinator
3. UGC Autonomous Coordinator
4. Lab In-Charge
5. Projects Coordinator
6. Member, News Letter Committee
7. Coordinator of Techeon Part of Sudhee
8. Member, Multiple course coordinator
9. Class In-charge/class coordinator
10. Time Table In-charge
11. Mentoring to the students
12. Member, Students Feedback Committee
13. Member , ISO Internal Auditors of CBIT
14. Member, Disciplinary Committee
15. Member, Anti-Ragging Committee
16. Co-chairman, Co-convener & Member of Shruthi & Sudhee Committees of CBIT
17. Coordinator of paper presentation and reverse coding of Techeon.
18. Squad duties
19. NAAC coordinator
20. Attendance coordinator
21. Honor's Degree coordinator

12 Research Guidance --

13 Awards Received --

14 Courses Handled at Under Graduate / Post Graduate Level. Computer Programming using C, OOP using C++, Discrete Mathematics, COBOL, DBMS, OS, Data Structures, DAA, Operations Research, Web Technologies, Artificial Neural Networks, Deep Learning, Software Testing, Mini Projects, Major Projects, Laboratories, Basic machine learning, Deep learning

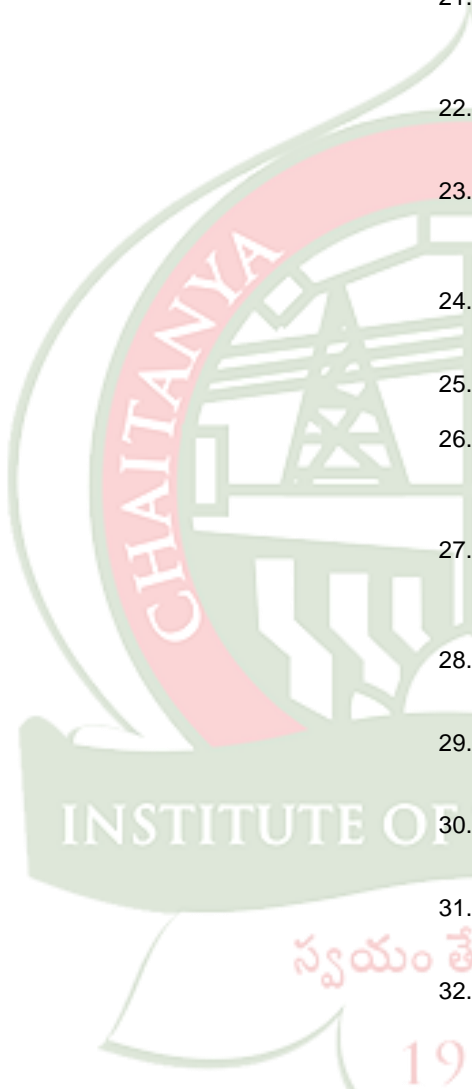
15 No. of Papers Published National Journals – nil International Journals – 13

16	Projects Carried out	--
17	Patents	Two patents published
18	Technology Transfer	--
19	Invited Speaker	--
20	No. of Books/Chapter Published with details	--

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

1. Participated in one week FDP on “Quality Education through OBE” organized by Chaitanya Bharathi Institute of Technology(Autonomous), Gandipet, Hyderabad500 075, Telangana, India., in association with IEEE Education Society Student Branch Chapter CBIT during 22nd - 27th January 2024
2. Participated in one week FDP on “ Data Science in Engineering“ organized by NITTTR, Kolkata from 5th June to 9th June, 2023.
3. Participated in one week FDP on “Data Analyst” organized by AP skill Development Corporation (APSSDC) from 19th June 2023 to 23rd June 2023.
4. Participated in one week FDP on “National Level One Week Faculty Development Programme on “Recent Trends in Data Science for Engineering” organized by Department of Information Technology, Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana in association with CBIT IEEE-RAS student branch chapter from 26th June 2023 to 30th June 2023.
5. Participated in one week FDP on “Machine Learning and Applications” organized by Dept. of CSE ,NIT Warangal and Dept. of CSE, KG Reddy college of engineering and technology, Hyd during 29. May to 02 June,2023
6. Participated in one week FDP on “Faculty Development Programme on MDP-Analytics Data Driven Decision Making” organized by IT Dept., CBIT, sponsored by DC MSME and NI MSME, during 13th – 17th March,2023
7. Participated in one week STTP on “cyber security” organized by CSE & IT departments, CBIT (A), 16-20 may 2022.
8. Participated in one day National Workshop on “Recent Trends and Challenges in Block Chain Technology” organized by Department of Information technology, Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana on 12th March 2022.
9. Participated in one week ATAL FDP on “Smart cities for sustainable development” from 07/03/2022 to 11/03/2022 at Motilal Nehru National Institute of Technology Allahabad.
10. Participated in one week ATAL FDP on “Deep Learning and Computer vision” from 03/01/2022 to 07/01/2022 at Manipal University Jaipur.
11. Participated two day national workshop on “Ethical Hacking and Cyber Security” organized by dept. of MCA, CBIT(A), Hyderabad on 13th -14th November 2021.
12. Successfully completed 12 week’s NPTEL FDP course on “Software Testing” during the July 2021 to October 2021 .
13. Participated in one day faculty development program on “ICT and IOT based teaching: Funding Resources held on 18th September 2021 organized by IQAC and PG Department of Computer Science, Kasturaba Gandhi Degree & PG College for women, secunderabad, telangana.
14. Participated in five day international STTP on “Blockchain for digital transformation” organized by dept. of CSE, CBIT(A),Hyderabad ,12-16th ,Aug,2021
15. Participated in two days online workshop on “Python Programming” organized by dept. of MCA, CBIT (A), Hyderabad on 16-17 th July 2021.
16. Participated one week online workshop on “Building data-driven solutions using data analytics with ML and DL algorithms” during 24- 28th June,2021 organized by dept. of CSE, CBIT(A),Hyderabad – 075.

17. Participated one week online FDP on "IPR & Patent Protection" organized by Dept of CSE in association with IIC, MVSREC, Hyderabad during 24-28th may 2021.
18. Participated & completed successfully AICTE Training and Learning (ATAL) Academy nline FDP on "Artificial Intelligence" from 2021-2-1 to 2021-2-5 at G Pulla Reddy Engineering College.
19. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Cyber Security" from 2021-1-18 to 2021-1-22 at University College of Engineering, Osmania University.
20. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Block chain" from 2021-1-4 to 2021-1-8 at Chaitanya Bharathi Institute of technology (A), Hyderabad.
21. Participated one week online FDP on "Evolution of IOT and its applications" from 13.07.2020 to 17.07.2020 organized by malla reddy institute of technology and science, Hyderabad.
22. Participated one week online FDP on "Cyber Security" organized by dept. of CSE, MGIT and dept. of MCA, CBIT(A) during 7th-12th , july 2020.
23. Participated one week online STTP on "Design of soft computing based machine learning models" organized by dept. of ECE, Panipat Institute of Engineering and Technology during 07-06-2021 to 12-06-2021.
24. Participated in the webinar on "Preparation of quality papers and book chapters" organized by dept. of CSE, AITAM (A), Tekkali, A.P on 9th, August 2020.
25. Organized a webinar on "Handling big data with deep learning" in the dept. of MCA, CBIT(A), on 27th, Feb 2021,
26. Participated one week online FDP on "Evolution of IOT and its Applications" organized by department of CSE, Mallareddy Institute of Technology and Science from July 13th to July 17th, 2020.
27. Participated one week online FDP on "Cyber Security" organized by Dept. of MCA, CBIT & Dept. of CSE, CBIT in Association with Supraja Technologies during July 7th to July 12th, 2020.
28. Participated webinar on "Publishing Research Articles in Scopus Indexed Journals" conducted by CBIT - School of Management Studies on June 24th, 2020.
29. Participated one day online workshop on "Social Responsibility and Community Engagement" organized by CBIT, Hyderabad, on June 17th, 2020.
30. Completed one week online FDP on "Intelligent Computing in Data Science" organized by the Dept. of CSE , AITAM(A), Tekkali, A.P from June 16th to June 20th, 2020.
31. Completed one week online FDP on "Outcome Based Education and NBA Accreditation Process – (UG)", organized by CBIT, Hyderabad, from May 28th to June 1st, 2020.
32. Completed one week online FDP on "Artificial Intelligence", organized by Departments of CSE, IT & MCA of CBIT in collaboration with Brain-O-Vision Pvt. Ltd from May 22nd to May 26th, 2020.
33. Completed one week online FDP on "PHP & MySQL" ,organized by Dept. of CSE, JNTUH college of engineering, jagtial in Association with spoken tutorial IIT-Bombay from May 18th to May 23rd ,2020.
34. Completed one week online FDP on "Internet of Things" organized by MSME, Govt. of India, April 27th to May 1st, 2020.
35. Successfully completed 3 week's online course in coursera on "Introduction to HTML5" from University of Michigan in May, 2020.
36. Successfully completed 12 week's NPTEL course on "NBA Accreditation and Teaching-Learning in Engineering" (NATE) during the Jan-April, 2020 semester.
37. Successfully completed 12 week's NPTEL course on "Problem solving through programming in c" during the Jan-April 2020 semester.
38. Participated in one week workshop on "NBA Accreditation" organized by CBIT, on April 22nd to April 26th, 2019.



39. Participated one day National Level Workshop on "Software Testing" organized by MCA Dept., CBIT on 16th March 2019.
40. Participated in one day workshop on "ISO Quality Management System" organized by CBIT, in Dec, 2018.
41. Participated in One Week National Level Faculty Development Programme on "Emerging Trends, Issues and Challenges in Big Data & Cloud Computing (ETICBDCC - 2017) Sponsored by TEQIP II" organized by Dept. of CSE, CBIT, Hyderabad during 20th to 25th February 2017.

International Journal

1. D.Jayaram et. al., published a paper entitled "Moving object detection using modified GMM based background subtraction in measurement sensors, published by Elsevier, <https://doi.org/10.1016/j.measen.2023.100898>, 23 September 2023.
2. D.Jayaram et. al., published a paper entitled "Aspect-based sentiment analysis on multidomain reviews through word embedding" in Journal of Intelligent Systems, DE GRUYTER publisher, <https://doi.org/10.1515/jisys-2023-0001>, April, 27, 2023.
3. D. Jayaram et. al., published a paper entitled "Text Extraction from Hoardings using Deep Learning Techniques" in Mukta Shabd Journal volume XI, Issue XI, ISSN No: 2347-3150, pps 715-727 in November 2022. DOI:10.0014.MSJ.2022.V11I11.0086781.1135974
4. D. Jayaram et., al., published a paper entitled "Enabling effective location-based services for road networks using spatial mining" International Journal of Health Sciences (IJHS) ISSN 2550-6978 E-ISSN 2550-696X © 2022 pps 5174-5188 on 9th June 2022
5. D.Jayaram et. al., published a paper entitled "Fake face image detection using feature network" in international journal of health science(IJHS), ISSN 2550-6978 E-ISSN 2550-696X © 2022, pps 3027-3039, 9th June 2022.
6. D.Jayaram, GNR Prasad, Ishika Guptha, Kavya Kondi published a paper entitled "Book Recommendation System Just Read IT!" in International Journal of Advanced Research in Computer and Communication Engineering (IJARCC), volume 11, issue 6, pp 6-14, June 2022.
7. D.Jayaram and J.Shiva sai published a paper entitled "A Novel Blood Group Detection using Deep Learning" Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 7, 5268- 5272, July 2021
8. D. Jayaram and et. al., published a paper entitled "Intelligent Liver Disease Prediction (ILDLP) System using Machine Learning Models", in Springer, Page no 609 to 625, on 5th January, 2021.
9. D. Jayaram and et. al., published a paper entitled "Probabilistic Neural Network-based Model for Identification of Parkinson's Disease by using Voice Profile and Personal Data", in the Arabian Journal for Science and Engineering (i.e in Scopus & Web of Science (SCI)) on 03rd January, 2021.
10. D. Jayaram, T. Panduranga Vital published a paper entitled " AODV and AntHocNet for Mobile Ad Hoc Networks Performance Evaluation Analysis" in Mukta Shabd Journal, Volume 09, Issue 06, pp 4725-4743 in June 2020.
11. D. Jayaram, J. Shiva Sai, CRK Reddy, V. Kamakshi Prasad published a paper entitled " Text Extraction from Hoardings by Hybrid Model" in International Journal of Engineering and Advanced Technology (IJEAT), Volume 09, Issue 04, pp 73-80 in April 2020.
12. D. Jayaram, J. Shiva Sai published a paper entitled "Accident detection of cars under different driving conditions using CNN" in International Journal of Research (IJR), Volume 08, Issue 06, pp 2636-2648, in June 2019.
13. D Jayaram, T Anusha , CRK Reddy. V Kamakshi Prasad published a paper entitled "Text Extraction from Hoardings" in International Journal of Innovative and Emerging Research in Engineering, Volume 3, Issue 6, e-ISSN: 2394 - 3343 , p-ISSN: 2394 - 5494 , pp 58-64. June, 2016.
14. D. Jayaram, published a paper entitled "Multi-font Optical Character Recognition System for Printed Telugu Text" in International Journal of Modern Trends in Engineering and Research (IJMTER), Volume 02, Issue 06, ISSN (Online):2349-9745 ; ISSN (Print):2393-8161, pp 28-34, July 2015.
15. D Jayaram, Dr. CRK Reddy, Dr. V. Kamakshi Prasad, M.Swamy Das published a paper on "An overview of optical character recognition systems research on Telugu language" in International Journal of Science and Advanced Technology (IJSAT) volume2 issue 9 , pp 23-29, sep,2012.

International Conferences

16. A.Durga Praveen, T.Panduranga Vital, D.Jayaram L. Venkata Satyanarayana presented a paper entitled 'Intelligent Liver Disease Prediction (ILDLP) System using Machine Learning Models' to the International Conference on Intelligent Computing in Control and Communication' (ICCC 2020) July 10-11, 2020.
17. D.Jayaram, GNR Prasad, Ishika Guptha, Kavya Kondi presented a paper entitled "Book Recommendation System Just Read IT!" in First International Conference on Advancements on Management, Entrepreneurship, Sciences & Engineering ICAMESE'2022 organized by I Business Institute, Greater Noida, Uttar Pradesh, India & Global Conference Hub, Coimbatore, Tamilnadu, India on 28th & 29th May' 22.
18. D. Jayaram etc., presented a paper entitled USING LINEAR REGRESSION TO PREDICT THE NUMBER OF VEHICLES TO BE SOLD D in the International Conference on Artificial Intelligence and Its Emerging Areas-2K22 [NEC-ICAIEA-2K22], Organized by Department of Computer Science and

Engineering in Association with CSI on 3rd and 4th June 2022 at Narasaraopeta Engineering College, Narasaraopet, A.P., India.

19. D. Jayaram published a paper entitled "image segmentation using mask RCNN" in the international conference on RAMSIA-2022 organized by department of mathematics , IAH, GLA University, Mathura (U.P) , India from 23rd to 25th june ,2022.
20. D. Jayaram et.al, published a paper entitled "Deployment of disease prediction model in AWS cloud" in ICIRCA 2022, IEEE recognized conference, proceedings will be included in the IEEE Xplore, and conference held on 13-15, Oct 2022.
21. D. Jayaram et.al, presented a paper entitled "Student Monitoring System using Deep Learning" proceedings of the 2nd International Conference on Cognitive and Intelligence Computing, ICCIC, 27-28 Dec 2022.
22. D. Jayaram et.al, presented a paper entitled "Review on 3D Model Generation through Natural Language and image processing" proceedings of the 2nd International Conference on Cognitive and Intelligence Computing, ICCIC, 27-28 Dec 2022.
23. D. Jayaram et.al, published a paper entitled "A review on sign language recognition techniques" in cognitive science and Technology, Volume Part F1466, Pages 301 – 309, 2023, DOI: 10.1007/978-981-99-2742-5_32,ISSN: 21953988,Published by Springer.
24. D. Jayaram et.al, presented a paper entitled "Text extraction from image and text to speech conversion using image processing techniques " during the International conference on recent innovations in science, Engineering and Technology " organized by Dept. of ECE , JIT, Coimbatore, India, held on 5th may 2023.

