Name of Faculty	Dr. E.Padmalatha
Designation	Associate professor
Nature of Job/Appointment	Regular
Date of Joining	14-06-2004
E-mail	epadmalatha_cse@cbit.ac.in

Education Qualifications	Name of the Degree	Class
Ph. D	Ph. D (CSE)	Awarded
PG	M. Tech. (CSE)	First
UG	B. E. (CSE)	First
Diploma in computer science and engineering	D.C.M.E	First

Work Experience	
Teaching	22 Years
Research	08 years
Industry	2years
Others	04 Months

Area of Specialization	Data mining ,Machine learning
Professional Memberships	LM105057 ISTE
Responsibilities held at Institution Level	-------
Responsibilities held at Department Level	1. Time table incharge (2008-09) 2. Class teacher 3. Attendance incharge 4. Mentor 5. Department NIRF coordinator since 2020 till date
Research Guidance	--
Awards Received	--
Courses Handled at Under Graduate / Post Graduate Level.	Software Engineering, DBMS, OOSD, Mobile Computing, and principals Programming Languages, FDBMS, ADBMS, Computer organization ,LST, Cloud Computing ,machine learning , Reinforcement learning, Data and visual analytics, Linear Regression Modeling for data analysis

No. of Papers Published	National Journals – 01	International Journals – 19
	National Conference – nil	International Conference -3

Projects Carried out	--
Patents	03
Technology Transfer	• Visualization tools • Software Testing in Telugu language for NPTEL • Switching Circuits and Logic in Telugu language fpr NPTEL
Invited Speaker	1. Delivered a lecture on "Methods for knowledge managements" at Research centre Imarat(RCI) 2. Delivered a lecture on "Database managements system" at Avanthi Institute of Engineering & technology, Hyderabad. 3. Delivered a lecture on "File organization and storage techniques in Database systems" at VNRVJIT, Hyderabad. 4. Delivered a lecture on "Data warehousing and Data mining" at Avanthi Institute of Engineering & technology, Hyderabad. 6. Delivered a lecture on "Configuration of computer peripherals,Handling Accessories and Troubleshooting" at RCI. 7. Delivered a lecture on "Introduction to MS Power point and animation effects" at RCI. 8. Delivered a lecture on "Applied Machine Learning using Python" at MGIT, Hyderabad.
No. of Books/Chapter Published with details	1. Performance Analysis of Synchronous Ciphers 140 pages. LAMBART Academic publishing ISBN-13: 978-3659139840

2. A Practical Approach to Advanced Databases , ISBN93-85046-29-2,
2. Studium Press(India)Pvt.Ltd.
3. Hybrid Clustering Technique to Cluster Big Data in the Hadoop Ecosystem Data Application. IGI global, DOI: 10.4018/978-1-7998-9640-1.ch015, 2022

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

1. A two week ISTE-STTP Refresher /FDP course on "Emerging Treands in Mobile and cloud computing " from 29th Dec-9th Jan2015

Details of Journal Publications/ Conferences (National and International)

International Journal

1. E.Padmalatha,,K.A.S.Shekar,Dasarada Ram reddy (2019) "Real Time Analysis of Crowd Behaviour for Automatic and Accurate Surveillance" International Journal of Advanced Computer Science and Applications(IJACSA), 10(3).
2. Feature Selection Optimization Using a Hybrid Genetic Algorithm   2020
3. "Impact And Significance Of Concept-Drift In Twitter Data"   INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 9, ISSUE 02, ISSN 2277-8616   2020
4. COMPUTATIONAL LINGUISTICS: TEXT PREDICTION AND SENTENCE CORRECTION.   Helix, 10(04), 06-12 2020
5. Real Time Analysis of Crowd Behaviour for Automatic and Accurate Surveillance IJACSA 2019
6. Sign language recognition", International Journal of Recent Technology and Engineering IJRTE   ISSN: 2277-3878   2019
7. Compact Clusters on Topic-Based Data Streams   AICC 2018 January 2019
8. DOI: 10.1007/978-981-13-1580-0_36 In book: First International Conference on Artificial Intelligence and Cognitive Computing (pp.373-387) 2019
9. E.Padmalatha,S.Sailekya, Ch.Anil Krishna ,K.Divyarsha (2019) "Sign language recognition", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-3.
10. E.Padmalatha, S.Sailekya(2019) " Survey of impact of semi join" IJSRC , Volume 9, ISSN No.0976-5697.
11. E.Padmalatha ,S.Sailekya (2018), "Significance of learning methods for mining of real time data streams", International Journal of Computer Sciences and Engineering Vol.6(3), E-ISSN: 2347-2693.
12. E.Padmalatha ,S,Sailekya (2018) "A Review on Quantum Computers and Machine Learning", INTERNATIONAL JOURNAL OF COMPUTER SCIENCES AND ENGINEERING 6(3), pp. 396-399.
13. " Survey of impact of semi join in distributed query processing" " IJSRC ,, ISSN No.0976-5697   2018
14. Significance of learning methods for mining of real time data streams   International Journal of Computer Sciences and Engineering 2018
15. A Review on Quantum Computers and Machine Learning   INTERNATIONAL JOURNAL OF COMPUTER SCIENCES AND ENGINEERING   2018

International /National Conferences

1. Dr E.Padmalatha(2020) "Feature Selection Optimization Using A Hybrid Genetic Algorithm"ICT4SD – 2020,24-07-2020
2. Part of the Lecture Notes in Networks and Systems book series (LNNS, volume 154) International   Feature Selection Optimization Using a Hybrid Genetic Algorithm   2020 Translation works in Indian languages by Qualified Faculties