

## Faculty Profile

Name	Prof. I.Hemalatha
Date of Birth	10/03/1980
Unique ID (AICTE ID)	1-470546736
Education Qualifications	B.Tech(CSE), M.Tech(IT), Ph.D(CSE)
Work Experience	
a) Teaching	15 Years
b) Research	8 Years
c) Industry	6 Months
d) Others	
Area of Specialization	Data Mining, Machine Learning, Big Data, Deep Learning, Image Processing
Courses taught at Under Graduate/ Post Graduate Level	Data Mining and Knowledge Discovery, E-Commerce, Big Data Analytics, Cloud Computing, Data Science, Deep Learning.
Research guidance	
a. No. of papers published in National/ International Journals/ Conferences	65 No
b. Master (No. of Completed/Ongoing)	43 No/1 No (Ongoing)
c. Ph.D. (No. of Completed/Ongoing)	1 No (Completed) 3 No (Ongoing)
No. of Projects Carried out	Development of machine Learning Algorithms for Detection of Impact Analysis of Brain tumor in Human Brain, sanctioned by SERB, DST, Govt of India. an amount of Rs. 29,06,400/-. File No: ECR/2016/001880 Dt: 16 <sup>th</sup> Feb 2017
No. of Patents (Filed & Granted)	1. Title of the Patent: “Prediction of Neo Adjuvant Chemotherapy Response in Breast cancer patients using neural network with Application No.202341002377 A Publication date:17/02/23, Patent Office Journal No. 07/2023, Date of filing of Application :12/01/2023. Mrs. Susmitha Uddaraju, Dr. G. P. Saradhi Varma, 3. Dr. M. R. Narasinga Rao, Dr. I. Hemalatha, 2. Title of the patent: “ARTIFICIAL INTELLIGENCE BASED SYSTEM TO STUDY THE GENE MUTATION AND THEIR SEQUENCE LISTING IN PHYSICALLY CHALLENGED PERSONS” with Application No: 202241045059A, Publication Date: 23/09/2022, Journal No. 38/2022, Name of the Inventor Dr. I.Hemalatha, Dr. Pradosh Kumar Sharma,Dr. K Kishore Raju,Dr. Rohit Kumar Verma,Om Prakash Singh,Renuka Sahu,Dhammpal Ramtake,Afshaan Naaz Khaleed Shaikh,Ojaswi Bhimineni,Dr . A. Thirumurthi Raja.

	<p>3. Title of the Patent: “SYSTEM FOR DETECTING EARLY STAGES OF ALZHEIMERS DISEASE AND METHOD” with Patent No: 201941016188A, Publication Date: 03/05/2019, Journal No. 18/2019, Name of Inventor: Dr. G.Pardha Sarathi Varma, Dr.Indukuri Hemalatha, Dr.R.N.V. Jagan Mohan [Published]</p> <p>4. Title of the Patent: “COMPUTER IMPLEMENTED METHODS FOR REDUCING FAILURE RATE OF RECOGNIZING ANGLE-ORIENTED IMAGES AND SYSTEM EMPLOYED THEREOF” with Patent No: 201841033688 A, Publication Date: 14/09/2018, Journal No. 37/2018, Name of Inventor: Dr.R.N.V. Jagan Mohan, Dr.G.P.Sarathi Varma, Dr.I.Hemalatha, K.Kishore Raju and K. Sandeep Varma [Published]</p> <p>5. Title of the Patent: “SYSTEM AND METHOD FOR RECOGNIZING ANGEL ORIENTED IMAGES” with Patent No: 201741032699, Publication Date: 29/09/2017, Journal No. 39/2017, Name of Inventor: Dr.R.N.V. Jagan Mohan, Dr.G.P.Sarathi Varma, Dr.I.Hemalatha and K.Kishore Raju [Published]</p>
Technology Transfer	Nil
Research Publications (No. of papers published in National/International Journals/Conferences)	65 No
No. of Books published	<p>One</p> <p>Redis in Action – Introduction and Python Integration. [ISBN:979-8861039970]</p>