Name of Faculty	Ms. Pallavi Yenigalla
Designation	Assistant Professor
Nature of Job/Appointment	Contract
Date of Joining	14-10-2024
E-mail	pallaviyenigalla_aids@cbit.ac.in

Education Qualifications	**Name of the Degree**	**Class**
PG	M.S (Data Informatics)	First with Distinction
UG	B.Tech (CSE)	First

Work Experience

Teaching	--
Research	--
Industry	4
Others	--

Area of Specialization	Information Retrieval, Machine Learning, Data Science, Deep Learning.
Professional Memberships	--
Responsibilities held at Institution Level	--
Responsibilities held at Department Level	--
Research Guidance	--

Awards Received

2 Awards

1. Student of the Year award by Times of India 2010
2. National third in Abacus by SIP Academy

Courses Handled at Under Graduate / Post Graduate Level.

UG Level: Operating Systems, Cloud Computing, Programming in C, Java, Data Structures, Software Engineering, Data Base Management Systems.

PG Level: Foundations of Data Management, Machine Learning, Data Mining, Information Visualization, Data Informatics Professional Practicum, Information Retrieval and Web Search Engines, Analysis of Algorithms.

No. of Papers Published

National Journals – - International Journals – 1

National Conference – -- International Conference – --

Projects Carried out	1. Anomaly Detection System for National Gallery Singapore 2. Generalized Reinforced Learning Algorithms for games by self –play Executed alpha zero algorithm in neural networks to achieve human level performance in Tic-Tac-Toe and Checkers games. 3. (Deep) CNNs for Image Colorization Created a CNN using Keras for image colorization that turns a grayscale image to a colored image on CIFAR-10 dataset. Utilized 5*5 filters and a softmax layer for coloring images. 4. Generative Models for Text Trained an LSTM and built a generative model to mimic the writing style of prominent British mathematician, philosopher, prolific writer, and political activist, Bertrand Russell. Availed softmax output layer to yield probability prediction for each of the characters. The model learned pattern, grammar and predicts next word for the sentence. 5. Frequent Item sets detection Implemented Toivonen's algorithm for finding frequent item sets in market basket analysis. Used Apriori as a discovery algorithm on each random sample. Scaled procession of combination function to optimize memory and time required by the algorithm.
Patents	--
Technology Transfer	--
Invited Speaker	--
No. of Books/Chapter Published with details	--
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Training (**Attended and/or Organized**).	--
Details of Journal Publications/ Conferences **(National and International)**	Crowd Sourced Utility Application http://www.ijarem.org/papers/v3-i7/16.IJAREM-B193.pdf