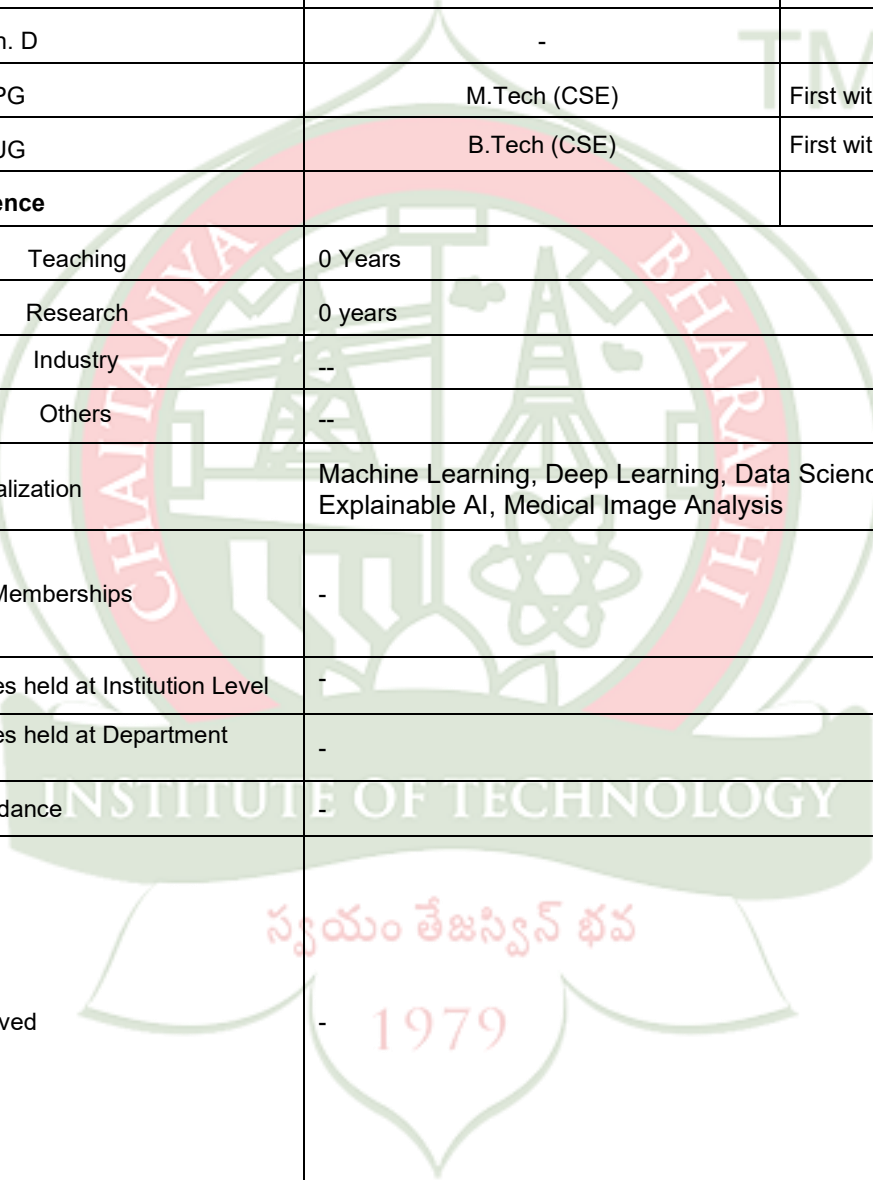


Name of Faculty	Nadiminti Suhasini		
Designation	Assistant Professor		
Nature of Job/Appointment	Contract		
Date of Joining	31-08-2026		
E-mail	suhasinin_aids@cbit.ac.in		
Education Qualifications	Name of the Degree	Class	
Ph. D	-		
PG	M.Tech (CSE)	First with Distinction	
UG	B.Tech (CSE)	First with Distinction	
Work Experience			
Teaching	0 Years		
Research	0 years		
Industry	--		
Others	--		
Area of Specialization	Machine Learning, Deep Learning, Data Science, Explainable AI, Medical Image Analysis		
Professional Memberships	-		
Responsibilities held at Institution Level	-		
Responsibilities held at Department Level	-		
Research Guidance	-		
Awards Received	 స్వయం తేజస్విన్ భవ 1979		
Courses Handled at Under Graduate / Post Graduate Level.	-		
No. of Papers Published	National Journals – 0	International Journals – 0	
	National Conference – 0	International Conference – 02	

Projects Carried out	1. Gastrointestinal Disease Prediction Using Transformer Encoder Developed a Transformer-based model analyzing clinical and diagnostic data for early detection of gastrointestinal disorders, achieving 94% prediction accuracy. 2. Automated Detection and Classification of Skin Cancer from Dermoscopic Images Using EfficientNetB0 and Transfer Learning Developed a deep learning pipeline using EfficientNetB0 and transfer learning for automated skin lesion classification, achieving around 92.7% accuracy.
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).	Successfully completed the Value Added Course on “Full Stack Development”, conducted by the Department of Computer Science and Engineering, Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad, from 28-12-2024 to 25-01-2025. Actively participated in the One-Week National-Level Online Workshop on “Learning Methods in Artificial Intelligence”, organized by the Department of Computer Science and Engineering in association with ACM Hyderabad Deccan Professional Chapter, CBIT, Hyderabad, held from 12-04-2025 to 17-05-2025 (every Saturday). Actively participated in the One-Week National-Level Faculty Development Program on “The AI Beyond Frontier: Recent Breakthroughs and Next-Gen Prospects”, organized by the Department of Computer Science and Engineering, CBIT, Hyderabad, held from 21-04-2025 to 25-04-2025. Successfully participated in the Short-Term Training Program (Value Added Course) on “Upgrading Skills in Java Programming”, organized by the Department of Computer Science and Engineering, CBIT, Hyderabad, held from 15-03-2025 to 13-04-2025 (every Saturday). Successfully participated in the International One-Week Online Workshop titled “AI & ML for Societal Impact: Healthcare and Agricultural Applications”, organized by the Department of Computer Science and Engineering in association with ACM Hyderabad Deccan Professional Chapter, CBIT, Hyderabad, held from 05-01-2026 to 09-01-2026.
Details of Journal Publications/Conferences (National and International)	

International Publications:

1. Gastrointestinal Disease Prediction Using Transformer Encoder – developed a Transformer-based model for early detection of gastrointestinal disorders using clinical and diagnostic data; achieved 94% prediction accuracy. Published in ICIDCA-2025, IEEE Xplore.

2. Deep Learning, Optimization Techniques, and Explainability Approaches in Automated Skin Cancer Detection: A Survey – surveyed deep learning, optimization and Explainable AI approaches for transparent and clinically interpretable medical image analysis. Published in ICICT-2026, IEEE Xplore.

Conference:

3. Smart Traffic Management and Optimization – Presented at the 2nd International Conference on Innovative Computing Technologies (ICICT-2025), CBIT, Hyderabad

