


Profile

Name of the Faculty	M.Supriya	
Designation	Asst.Prof	
Department	AIML	
Area of Interest	Machine learning	
Subjects Taught	DWDM,BDA,ML,Python,OS,JAVA,C,DS,DBM S,DAA,CN,CNS,UML,Discrete Mathematics	
JNTUH Registration Id	7213-150413-173324	
College Staff Code	SC1839	
Official Mail	Msupriya.cse@gcet.edu.in	

Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	M.Tech	CSE	JNTUH	2012
2	B.Tech	CSE	JNTUH	2008
4	Intermediate	M.P.C	Sri Vijaya sai Jr.College,Bodhan	2004

Publications Details :

S. No.	Publication details
1.	Sentiment and Emotion Modeling in Text-based Conversations utilizing ChatGPT. Engineering and Technology & Applied Research, 1792-8036, February 2025, https://doi.org/10.48084/etasr.9508 . Scopus Q2
2.	Enhanced Knee Joint Image Analysis Using Hybrid Machine Learning and Computer Vision Techniques,in International Journal of Computing and Digital Systems, 2210-142X, https://journal.uob.edu.bh/handle/123456789/5780 ,scopus Q3
3.	ARTIFICIAL INTELLIGENCE BASED STREET LIGHT CONTROLLER Design No. : 423577-001 Date : 18/07/2024, Patent Grant Certificate Serial No. : 179583
4.	Q-learning based Reinforcement Learning Controller for Concentration Control of Food Preparation, ISBN: 979-8-3503-2142-5,in August 2024 Scopus indexed IEEE conference paper
5.	YOLO -Spectra watch: A Novel architecture for Rapid Suspect Detection in crowded urban environment's, Scopus indexed IEEE conference paper, April 2024, https://doi.org/10.1109/ICOECA62351.2024.00149 , ISBN:979-8-3503-8579-3
6	Smart Sensor-Based Smart Agriculture for Better Crop Production in This Smart Era Book chapter8 ,Scopus indexed IGI Publications in MARCH 2024. http://dx.doi.org/10.4018/979-8-3693-5266-3.ch009 .
7	operating system concepts and fundamentals ” Book Published in SIPH. M supriya SIPH ISBN no -978-93-5625-142-7
8	“Data Mining Data warehousing “Book Published in SI publishing house,
9	cloud computing on community media , UGC Journal M Supriya,ISSN: 2320-2882, Index of Volume 10 Issue 1 , a206-a212. January 2022, http://www.ijcrt.org/papers/IJCRT2201028.pdf International journal of creative research thoughts
10	A Quick clarify content mining on BIO-Medical and social Area UGC Journal M Supriya, ISSN NO:2347-6648 PARISHODH JOURNAL, Page No:459-479. DOI:09.0014.PARISHODH.2020.V9I2.0086781.56841
11	A survey on Challenges and Directions of Cyber Security , UGC Journal, Vol3, Issue 3, pages-257-262, (ISSN-2455-6300) ONLINE, ANVESHANA'S INTERNATIONAL JOURNAL OF RESEARCH IN ENGINEERING AND APPLIED SCIENCES in MAR2018 M Supriya AIJREAS
12	Resolving Manageable FAQs on Hardware/Software Queries using Artificially Intelligent Chatbots ” Patent published on 2022/2/16

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Experience:

Teaching	12
Industry	No
Research	Pursuing Ph.D
Total Experience	12