


Name of Faculty	Smt. Satya Kiranmai Tadepalli	
Designation	Assistant Professor	
Nature of Job/Appointment	Regular	
Date of Joining	24 - 06 - 2019	
E-mail	tskiranmai_it@cbit.ac.in	
Education Qualifications	Name of the Degree	Class
Ph. D	-	Pursuing
PG	M. Tech. (SE)	First Class with Distinction
UG	B. Tech. (IT)	First Class
Work Experience		
Teaching	12 Years	
Research	--	
Industry	--	
Others	--	
Area of Specialization	Data Mining, Machine Learning, Deep Learning	
Professional Memberships	--	
Responsibilities held at Institution Level	--	
Responsibilities held at Department Level	<ol style="list-style-type: none"> 1. ISO Internal Auditor 2. Class Co-ordinator for BE 3/4 IT-3 3. Member at Course Expert Group 4. Faculty In-charge for Department level NBA Criteria (Faculty Interaction with Outside World) 5. Member in AI and ML Activities 6. Member Additional Minor engineering Team 	
Research Guidance	--	
Awards Received	--	
Courses Handled at Under Graduate / Post Graduate Level.	Software Engineering, DBMS, OOAD, Operating Systems, Data Warehousing and Data Mining, Cloud Computing, Programming in C, Software Testing, Software Project Management, Distributed Systems, Object Oriented Programming Using Python	
No. of Papers Published	National Journals –	International Journals – 11
	National Conference –	International Conference – 03
Projects Carried out	--	
Patents	02	
Technology Transfer	--	
Invited Speaker	--	
No. of Books/Chapter Published with details	Tadepalli S.K. (2021) Instrument Recognition in Polyphonic Music Using Convolutional Recurrent Neural Networks. In Proceedings of International Conference on Intelligent Computing, Information and Control Systems (pp. 449-460). Springer, Singapore.	

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

WS/ Seminars/ Conferences/ STTPS/ FDPs Attended

1. Successfully Completed a 7 weeks course in Coursera “Programming for Everybody (Getting Started with Python)”
2. Successfully Completed TEQIP 2-week Online Certification on Digital Transformation in Teaching Learning process from Feb 14-March 6,2020
3. Successfully Completed Data Analytics using Python online course conducted by NPTEL under Swayam Platform
4. Successfully Completed NATE online course conducted by NPTEL under Swayam Platform
5. Attended an Online 10-days FDP on Deep Learning organized by IIT-Roorkee from 4-13 May 2020
6. Attended an Online one-week FDP on Outcome based Education organized by Scheme of AICTE, New Delhi from 11-15 May 2020
7. Attended an Online 5 days FDP on AI and ML organized by CMRTC from 18-22 May 2020
8. Attended a 5 Days Faculty Development Program on “Data Science” Aug- 05-09, 2019 organized by E & ICT Academy and IT department, CBIT, Hyderabad.
9. Attended One Week Online FDP on "Outcome Based Education & NBA Accreditation Process - (UG) " from 28-05-2020 to 01-06-2020, organized by CBIT(A), Gandipet, Hyderabad.
10. Attended an Online FDP on "Artificial Intelligence " organized by CBIT from 22-25 May 2020.
11. Attended an Online 4-day workshop on Blockchain Technologies and Smart Contracts from 3-6 May 2020
12. Attended an Online 3-day FDP on Recurrent Convolutional Neural Network organized by KHRIT in collaboration with CSI from 14-16 May 2020
13. Attended an Online Workshop on Effective and efficient online teaching in the age of corona by IIT, Bombay on 17 May 2020

Details of Journal Publications/ Conferences (**National and International**)

Papers published in International/ National Journals

1. Kiranmai, T. S and Kratika Sharma (2021). RECOGNITION AND ANNOTATION OF PLACES OF INTEREST. International Journal of Research and Analytical Reviews (IJRAR), Volume 8 Issue 2, April 2021
2. Kiranmai, T. S (2021). Glaucoma Detection using Convolution Neural Networks. International Journal of All Research Education and Scientific Methods (IJARESM), Volume 9, Issue 5, May -2021
3. Kratika Sharma and Kiranmai, T. S, “Prediction of Cardiovascular Diseases Using Genetic Algorithm and Deep Learning Techniques”, International Journal of Emerging Trends in Engineering and Development, Issue 11, Vol. 3, May 2021.
4. Kiranmai, T. S., & Lakshmi, P. V. (2021). A Comprehensive and Systematic Literature Review of Computational Intelligence Algorithms to Diagnose and Predict Female Infertility. Annals of the Romanian Society for Cell Biology, 5926-5943.
5. Harika, G. & Kiranmai, T. S. (2020, June). Cloud-based Internet of things for Smart Water Consumption Monitoring System. In 2020 5th International Conference on Communication and Electronics Systems (ICCES) (pp. 967-972). IEEE.
6. kiranmai Tadepalli, S., & Lakshmi, P. V. (2020). Deep Learning in IVF to Predict the

- Embryo Infertility from Blastocyst Images. In ICCCE 2020 (pp. 1507-1515). Springer, Singapore.
7. Tadepalli, S. K., & Lakshmi, P. V. (2019). Application of Machine Learning and Artificial Intelligence Techniques for IVF Analysis and Prediction. *International Journal of Big Data and Analytics in Healthcare (IJBD AH)*, 4(2), 21-33.
 8. Swetha K, Tadepalli S. K, (2017) "Data annotation in large-scale datasets with supervision", *International journal of science Research in computer science, engineering and information Technology*, Volume-2/Issue-6/2456-3307
 9. Tadepalli S. K. Swetha K, (2017) "A survey on user behavior clustering in multimedia social networks", *International journal of engineering and Research in computer science and engineering*, Volume-4/Issue-11/2394-2320
 10. Tadepalli S. K. Swetha K, (2017) "Secure User generated content with data processing in Big data Application", *International journal of Research*, Volume-4/Issue-10/2348-6848
 11. Swetha K, Tadepalli S. K, (2017) "SQL-Style Processing Geo-Distributed Framework", *International journal of Research*, Volume-4/Issue-10/2348-6848

International Conference Proceeding Publications/National Conferences

1. Presented a paper "Deep learning in IVF to predict the embryo infertility from blastocyst images" in the 2nd International Conference on Communication, Computing and Electronics (ICCCE 2020) organized by CMR Engineering College, Hyderabad, India during 1-2 Feb 2020.
2. Presented a paper "Smart Water Consumption Monitoring System using IoT, Android and Cloud Computing" in the 5th International Conference on Communications and Electronics Systems (ICCES 2020) organized by PPG Institute of Technology, Coimbatore, Tamilnadu, India during 10-12 June 2020. (Scopus - IEEE)
3. Presented a paper "Instrument Recognition in Polyphonic music using Convolutional Recurrent Neural Networks" in the 2nd International Conference on Intelligent Computing, Information and Control Systems (ICICCS 2020) organized by Mallareddy College of Engineering, Secundrabad, Hyderabad, India during 25-26 June 2020. (Scopus - Springer)

Patents Published

1. Published a Patent titled "Machine Learning Enthused Farming Model For Precision Agriculture" Published on 26/02/2021 with Application No.202141007260 A
2. Published a Patent titled "IML- Traffic Prediction: Intelligent Traffic Prediction Using Machine Learning" Published on 31/07/2020 with Application No.202041027655 A