


Faculty Profile

Name of the Teaching Staff	Dr. Thara D K	
Department	Information Science & Engineering	
E-mail	Thara.dk@cittumkur.org	
Present Designation	Professor	
Google Scholar ID	xfGlrycAAAAJ	
ORCID	0000-0001-6743-7723	
VIDWAN ID	201531	
Education Qualifications	<ol style="list-style-type: none"> 1. UG - BE CSE 2. PG – MTech CSE 3. Ph.D – Deep Learning 	
Work Experience in Years		
Teaching	14	
Research	0	
Industry	1.8	
Other	0	
Total	15.8	
Area of Specialization		
Publication Details	<ul style="list-style-type: none"> • INTERNATIONAL JOURNALS <ol style="list-style-type: none"> 1. Thara D. K., Prema Sudha B. G., Murthy T. V., & Bukhari, S. A. (2022). EEG Forecasting with Univariate and Multivariate Time Series Using Windowing and Baseline Method. International Journal of E-Health and Medical Communications (IJEHMC), 13(5), 1-13. http://doi.org/10.4018/IJEHMC.315731 (Scopus Indexed). 2. Thara, D.K., Prema Sudha, B.G., Nayak, R.S. et al. Electroencephalogram for epileptic seizure detection using stacked bidirectional LSTM_GAP neural network. Ev Intel. (2020). https://doi.org/10.1007/s12065-02000459-9 (ACM, SCI & Scopus Indexed). 	

3. Thara D.K., Prema Sudha B.G, Fan Xiong, “Auto-detection of epileptic seizure events using deep neural network with different feature scaling techniques”, Pattern Recognition Letters 128, October, 2019, Elsevier. 544–550 (**ACM, SCI & Scopus Indexed**).
4. Thara D.K., Prema Sudha B.G, Fan Xiong, “Epileptic seizure detection and pre diction using stacked bidirectional long short-term memory”, Pattern Recognition Letters 128, October, 2019, Elsevier. 529–535 (**ACM, SCI & Scopus Indexed**).
5. Thara D K, Dr B G Prem Sudha, “Electroencephalogram analysis for Automatic Epileptic Seizure detection method using PyEEG” International Journal of Engineering Sciences and Management – A Multidisciplinary Publication of VTU 2019; Vol: 1, No: 2, pp: 22-26.
6. Thara D.K, Sehla Saba, Vaishnavi S, “Detection of Cotton Leaf Diseases Using Machine Learning Regression Techniques”, International Journal for Research in Engineering Application & Management (IJREAM) ISSN: 2454-9150, 2018.
7. Thara D.K, Priya M, Indira K.M, “Machine Learning Techniques for Load Disaggregation in Rural off-Grid, Isolated Solar Systems”, International Journal for Research in Engineering Application & Management (IJREAM) ISSN: 2454-9150, 2018.
8. Thara D K, Girish L, “Efficient Virtual Machine Memory Transfer in Data centre with Optimal Downtime”, International Journal of Engineering Trends and Technology (IJETT)- Volume 23 Number 9-May 2015
9. Thara D K, “A Novel approach for Data cleaning using CFDs Algorithms”, International Journal for Scientific research & Development, Vol 3, Issue 04, 2015, ISSN (online) : 2321-1613.
10. Thara D K, Veena A, “Predictive Analysis on Big data for a Febrile Viral syndrome”, International Journal of Engineering Trends and Technology (IJETT) – Volume 12 Number 8 – Jun 2014.
11. Thara D K, Gangamma, Track Detection and Counter measure in Cloud Networks (TDCCN)”, International Journal of Computing and Technology, Volume 1, Issue 4, May 2014.3

INTERNATIONAL CONFERENCES

12. B. G, T. D. K and T. K. N, “ML based methods XGBoost and

	<p>Random Forest for Crop and Fertilizer Prediction,” 2022 14th International Conference on Computational Intelligence and Communication Networks (CICN), Al-Khobar, Saudi Arabia, 2022, pp. 492-497, doi: 10.1109/CICN56167.2022.10008234.</p> <p>13. Thara D K, Dr B G Prema Sudha, Ravi Ram V, R Suma, “IMPACT OF BIG DATA IN HEALTHCARE: A SURVEY”, 2016 IEEE (Scopus Indexed).</p> <p>14. Thara D K, Veena A, “Predictive Analysis using Big data”, International Journal of Engineering Trends and Technology (IJETT) – Volume 12 Number 8 – Jun 2014.</p>
Professional Memberships	ISTE – LM76797, IEI – AM1627522, IETE – F-503791
No. of Books published with details	NIL
Book Chapters published	NIL
Books Published	NIL
Reviewer in Journal/Conference	NIL
Patents	NIL
Academic & Administrative Responsibilities	<p>Head of the Department</p> <p>Plan, control and monitor all the activities in the department to achieve smooth running of the department.</p>
FDPs & Workshops Attended	<ol style="list-style-type: none"> 1. GO PROGRAMMING WORKSHOP, 17TH & 18TH JULY 2018, ORGANIZED BY CIT, GUBBI 2. MATHEMATICS FOR MACHINE LEARNING AND INTRODUCTTION TO DEEP LEARNING, 23RD & 24TH MARCH 2018, , ORGANIZED BY CIT, GUBBI 3. ARTIFICIAL INTELLIGENCE & IOT, 8TH TO 12TH JULY 2019, ORGANIZED BY CIT, GUBBI 4. PARCTICAL MACHINE LEARNING, 1ST FEB 2020, ORGANIZED BY CIT, GUBBI 5. INCULCATING UNIVERSAL HUMAN VALUES IN TECHNICAL EDUCATION, 13T TO 17TH SEPT 2021, ORGANIZED BY AICTE 6. BLOCKCHAIN & IOT, 30TH DEC 2021, ORGANIZED BY CIT, GUBBI 7. DIFFERENTIAL EQUATIONS FOR ENGINEERS, 28TH & 29TH APRIL 2023, ORGANIZED BY CIT, GUBBI 8. ROBOTICS & ARTIFICIAL INTELLIGENCE, 24TH TO 28TH APRIL 2023, ORGANIZED BY AICTE-VTU 9. INTRODUCTION TO PYTHON PROGRAMMING, 13TH TO 17TH MARCH, ORGANIZED BY AICTE-VTU

