

KESHAV MEMORIAL INSTITUTE OF TECHNOLOGY
Narayanaguda,Hyderabad-500029

FACULTY PROFILE



1. NAME : **Dr. Swapna Medikonda**
2. JNTUH REGISTRATION ID : **9952-200125-154433**
3. DATE OF BIRTH : **20-06-1981**
4. DESIGNATION : **Associate Professor**
5. YEARS OF EXPERIENCE : **13.4 years**
6. UG DEGREE : **B Tech (CSIT)**
7. PG DEGREE : **M. Tech (CST)**
8. Ph.D(AREA OF THE PH.D WORK) : **Weather Forecasting using Deep Learning**
9. SUBJECTS TAUGHT :
- C & Data Structures
 - Object Oriented Programming through C++(MCA)
 - Theory of Computations (MCA)
 - Database Management Systems
 - Object Oriented Programming through Java
 - Automata and Compiler Design
 - Advanced Data Structures and Algorithms (M Tech)
 - Human Computer Interaction (M Tech)
 - Middleware Technologies
 - Embedded Systems
 - Artificial Intellegence
 - Artificial Neural Networks

10. PAPER PUBLICATIONS IN INTERNATIONAL JOURNALS:

- M.swapna and N. Sudhakar, “A Hybrid Model for Rainfall Prediction using both Parameterized and Time Series Models ”, International Journal of Pure and Applied Mathematics, Volume 119, Special Issue, PP. 1549-1556 (**Scopus Indexed**)

- M.swapna and N. Sudhakar, “Artificial Neural Network Techniques by using Time Series and Parameterized Rainfall Prediction models: A Comparative Study”, International Journal Of Research In Electronics And Computer Engineering (IJRECE), Volume 6, Issue 2, 1538-1545 (**UGC approved**)
- M. Swapna, N. Sudhakar. ,2013,”Comparison of Neural Network Configurations in the Prediction of Monthly Rainfall over Coastal Andhra Pradesh”, International Journal Of Advanced And Innovative Research, Volume 2, Issue 1, pp.285-290 [**Google Scholar**].
- M. Swapna, N. Sudhakar. , 2016, ”An Artificial Recurrent Neural Network model for Weather Forecasting”, International Journal of Science & Engineering Development Research, Volume 1, Issue 9. PP. 43-47. [**Google Scholar**] .

11. PAPER PUBLICATIONS IN INTERNATIONAL CONFERENCES:

S. No.	Title with Page Nos.	Details of Conference Publication	ISSN/ISBN No.
1	A Hybrid Model for Rainfall Prediction using both Parametric and Time Series Models in Deep Learning ()	EECCMC-18, IEEE, JAN '18	ISBN 978-1-5386-4303-7

12. CONTRIBUTIONS AT THE COLLEGE LEVEL:

- Women Empowerment Cell – Chair Women

13. REFRESHER COURSES/WORKSHOPS/CONFERENCES ATTENDED:

<u>Attended:</u>				
	Name of the Course / Summer School	Place	Duration	Sponsoring Agency
1	A Two Week Workshop on “Machine Learning” in Association with Soliver Labs	GVPCEA, Visakhapatnam	07-05-18 to 18-05-18	GVPCEA, Visakhapatnam
2	A one day workshop on “Digital Transformations”	GVPCEW Visakhapatnam	14-12-17	CSE, GVPCEW Visakhapatnam
3	A Five Day Faculty Development Program on Analytics in R	GVPCEW Visakhapatnam	13-11-17 to 17-11-17	CSE, GVPCEW Visakhapatnam

4	A Two Day National Workshop on Fog Computing and Internet of Things	JNTUK UCEV, Vizianagaram	28-03-16 to 29-03-16	Department of CSE, JNTUK UCEV
5	A two Day Faculty Development Program Mission 10X	SACET, Chirala	28-29, December, 2011	WIPRO
6	A Five Day Faculty Development Program Mission 10X	SACET, Chirala	10-14, October, 2011	WIPRO

14. WORKSHOPS/ CONFERENCES/ SEMINARS/FDP's ORGANIZED:

WORKSHOPS/ CONFERENCES/SEMINARS/FDP	Place	Duration	Sponsoring Agency
<i>A seminar on "Women in Academia"</i>	KMIT- Auditorium, Hyderabad	19-08-2020	KMIT, Hyderabad
A 2-Day Workshop on Neural Network Tools using MATLAB	GVP- Auditorium, Visakhapatnam	26-12-16 to 27-12-16	GVP, Visakhapatnam