CURRICULAM VITAE

Dr. M. Swapna   DATE OF BIRTH: 20-06-1981
Plot No 403,Rajeswari Residency   Phone: 8886122032
2nd Bus Stop, PM palem,
Visakhapatnam   E-mail: nswapna.d@gmail.com

EDUCATION

Ph. D., Computer Science and Engineering
Acharya Nagarjuna University, Guntur.

M.Tech, Computer Science & Technology (2005–2007)
GITAM
Andhra University, A.p.
Percentage: 73 % **First Class**

B.Tech, Computer Science and Information Technology (2001 - 2005)
Chirala Engineering College
Jawaharlal Nehru Technological University, Hyderabad
Percentage: 62% **First Class (GATE with 85.84 percentile)**

PROJECTS DONE IN

A Hybrid Model for Rainfall Prediction using both Parameterized and Time Series
Models in Deep Learning.   **[Ph.D.]**

Application of Artificial Neural Networks in weather Prediction   **[M.Tech]**

Chirala Engineering College WebSite Designing   **[B.Tech]**

PROFESSIONAL EXPERIENCE

- Working as Assistant Professor in the Department of Computer Science and Engineering, Gayatri Vidya Parishad College of Engineering for Women, Visakhapatnam since January, 2013 to till date.

- Worked as Assistant Professor in the Department of Computer Science and Engineering, BABA Institute of Technology and Sciences, Visakhapatnam since June, 2012 to December, 2012.

- Worked as Assistant Professor in the Department of Information Technology, St' Ann's College of Engineering and Technology, Chirala since December, 2008 to May, 2012.

- Worked as Assistant Professor in the Department of Information Technology, Dadi Institute of Engineering and Technology, Visakhapatnam since June, 2007 to November, 2008.

SUBJECTS TAUGHT

01. C & Data Structures
02. Object Oriented Programming through C++(MCA)
03. Theory of Computations (MCA)
04. Database Management Systems
05. Object Oriented Programming through Java
06. Automata and Compiler Design
07. Advanced Data Structures and Algorithms (M Tech)
08. Human Computer Interaction (M Tech)
09. Middleware Technologies
10. Embedded Systems
11. Artificial Intellegence

PAPERS/PUBLICATIONS/CONFERENCES

- 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)**
  URL: https://acadpubl.eu/hub/2018-119-14/articles/3/27.pdf **(First Author)**

- 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)**
  URL:
  http://nebula.wsimg.com/18d108b7e532221e2ff70ca5a6937545?AccessKeyId=DFB1BA3CED7E 7997D5B1&disposition=0&alloworigin=1 **(First Author)**

- K.Rohini, B.Vijaya Lakshmi, M. Swapna, V.Vasudha, " An Improved Round Robin based scheduling algorithm with dynamic time quantum using contra-harmonic mean", International Journal of Advanced & Innovative Research, Volume 3, Issue 3, pp.:192-196(First Author) **[Google Scholor]**.

- 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**].

  URL: https://scholar.google.co.in/citations?user=gL0c8ZAAAAAJ&hl=en **(First Author)**

- 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**]

  URL:http://www.ijsdr.org/viewpaperforall.php?paper=IJSDR160723. **(First Author)**

- M.swapna and N. Sudhakar, "A Hybrid Model for Rainfall Prediction using both Parametric and Time Series Models in Deep Learning", International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC) , organized by Priyadarshini Engineering College, Chettiyappanur, 28th & 29th January 2018 [**Conference Precedings published in IEEE**].

SOFTWARE   EXPOSURE

COMPUTER LANGUAGES:	ORACLE, COBOL, C, C++, JAVA, HTML , PYTHON
OPERATING SYSTEMS :	WINDOWS, UNIX, LINUX, DOS

ONLINE COURSES COMPLETED

- Programming, Data Structures and Algorithms in Python (**NPTEL**)

- Introduction to Internet of Things (**NPTEL**)

- Introduction to Machine Learning (**NPTEL**)

- Deep Learning with Tensor Flow (**Cognitive Class**)

- Accelerating Deep Learning With GPU (**Cognitive Class**)

- Big Data 101 (**Cognitive Class**)

SHORT TERM COURSES/SEMINARS/WORKSHOPS ATTENDED

- A Two Week Workshop on "Machine Learning" in Association with Soliver Labs at GVPCOE, Visakhapatnam on 7th to 18th, May, 2018.

- A one day workshop on "Digital Transformations" organized by Department of CSE, GVP college of Engineering(Autonomous) on 14th December, 2017.

- A Five Day Faculty Development Program on Analytics in R Programming, organized by Department of CSE, GVP college of Engineering for women from 13th to 17th November, 2017.

- A Two Day National Workshop on Fog Computing and Internet of Things organized by Department of CSE, JNTUK UCEV on 28th and 29th, March,2016.

- A Five Day Faculty Development Program Mission 10X in Association with WIPRO, in SACET, Chirala on 28-29, December, 2011

- A Two Day Faculty Development Program Mission 10X in Association with WIPRO, in SACET, Chirala on October, 2011

- A Five Day Workshop on "Counseling" in Association with NITTR, Chennai in SACET, Chirala

- A Tow Day Workshop on 'Women Student Congress-2008' in association with WIE-IEEE Hyderabad Section and Affinity Groups held on 12th & 13th July, 2008 at JNTU Hyderabad Campus.

- A Two Day National Workshop on Data Mining and Business Intelligence held on 1& 2 February, 2008 at VIIT Campus, Visakhapatnam.

- A One Day National Workshop On Advances In Soft Computing And Signal Processing (WAS2P-07) held on 23-12-2007 at DIET Campus, Anakapalle.

- A Two Day National Seminar on K-12 and Teachers Education: Issues and Concerns held on 28& 29 July, 2007 at DIET Campus, Anakapalle.

- A Two Day National Workshop on Data Engineering held on 29 & 30 November, 2006 at Andhra University Campus, Visakhapatnam.

- A Five Day National Workshop on Search and Mining Engines and Their Applications (NAWOSMEA-2006) held on 9 June 2006 to 13 June 2006 at Gitam Campus, Visakhapatnam.

- A Vocational Training Course conducted at Visakhapatnam Steel Plant in IT Department From 12-05-2006 to 20-05-2006.

PARTICIPATION & CONDUCTING DIFFERENT ACTIVITIES

- Time – Table In-charge
- Seminar In-Charge
- Class In-Charge
- Student Counselor
- NBA Co-Ordinator
- Reviewer for IJERT Journal
- Exam Cell Co-Ordinator
- Coordinated/Conducted MATLAB (Machine Learning Tools), Machine Learning, Java Programming Workshops.

PROJECTS GUIDED

- Fatigue Detection in Driving.
- Weather Forecasting using RNN.
- Stock Price Prediction in Deep Learning.
- Speech Authentication in Machine Learning

M.SWAPNA