

Dr. KETHIREDDY SWAPNA

Email : swapnakethireddy24@gmail.com

Phone : +91 9618392196

+ 91 9000019782



EDUCATIONAL QUALIFICATIONS:

YEAR	EDUCATION	PLACE
Jan 9 th 2020	Ph.D Awarded	A.U. College of Engineering
2007-2009	M. Tech (CST)	A.U. College of Engineering
2005-2007	M.Sc (CS)	A.U. RIMS- Kakinada
1998-2001	B.Sc (Computers)	A.U. GSR Degree College, Salur
1996-1998	INTERMEDEATE	Sri VasaviJr.Collge, Salur
1995-1996	SSC	St. Anns High School, Bheemili

Title of Ph.D. thesis:

Some predictive analytics and clustering techniques for liver dataset - design and development of a liver disease diagnosis expert system using semantic web and android technologies

PROFESSIONAL EXPERIENCE:

PLACE	DESIGNATION	EXPERIENCE IN YEAR		EXPERIENCE IN YEAR
		27 th Aug, 2018	Till Date	3year 8months
Dr.B.R.Ambedkar University, Srikakulam	Assistant Professor (C)			
Department of CS&SE, AUCE(A)	Guest faculty	Sep, 2018	Aug 2018	10 years

SUBJECT's TAUGHT:

- Data mining
- Data base Management System (DBMS)
- Machine Learning
- Data structures with C
- ,Data structures with CPP
- C programming Language
- Software Engineering
- Design and Analysis of Algorithms
- Data Analytics
- System programming
- Operating System

Labs:C programming Lab, Datastrucures Lab with C, Datastrucures Lab with Cpp, DBMS lab,Data AnalyticsLab,OOSE Lab;

PAPER PUBLICATIONS: 14**JOURNALS: 9****Scopus Indexed International journals**

1. A Framework for Outlier Detection Using Improved Bisecting k-Means Clustering Algorithm-, K.Swapna and Prof. M.S.PrasadBabu paper was published in International Journal of Electrical & Computer Sciences IJECS-IJENS Vol: 17 No: 02..It is a Scopus Indexed International journal.
2. Critical Analysis of Indian Liver Patients Dataset using ANOVA Method- K.Swapna, and Prof.M.S.Prasad Babu paper was published in International Journal of Engineering & Technology IJET-IJENS Vol:17 No:03.173703-2929-IJET-IJENS © June 2017 IJENS. It is a Scopus Indexed International journal.

Other International Journals

3. Development of Maize expert system using Ada-boost algorithm and naïve Bayesian classifiers - Prof. M.S.Prasad Babu, A.Venkatesh , and K.Swapna paper was presented in “IJCAT”, Volume-1, issue3, ISSN-89-93:2012.
4. Implementation of efficient C4.5 algorithm on water melon expert system - Prof. M.S.Prasad Babu, B.HarshaVardhan, B.Venkata ramana, and K.Swapna paper was presented in “IPASJ”, Volume-I, Issue1, ISSN-2321-59 92: 2013.
5. Development of mushroom expert system based on SVM classifier and naïve Bayesian classifiers - Prof. M.S.Prasad Babu, T.Rajani, K.Swapna and E.Nilima paper was presented in (IJCSMC) volume3, Issue4, ISSN-2320-088X. April 2014.
6. An implementation of Hierarchical Clustering on Indian Liver patient dataset. - Prof. M.S.PrasadBabu, K.Swapna, T.Balakrishna and Prof.N.B.Venkateswarlu paper was presented in (IJETCAS) volume-8, Issue1, ISSN: 2279-0055 March-May 2014.
7. An implementation of Density Based clustering algorithm for ILPD Dataset – V.Gayathri, K.Swapna and Prof. M.S.PrasadBabu Development of liver expert system paper was published in (IJARCSSE) volume5, Issue1, ISSN-2277-6451 January 2015.
8. A Critical Study on Cluster Analysis Methods to Extract Liver Disease Patterns in Indian Liver Patient Data- K.Swapna and Prof. M.S.Prasad Babu paper was published in International Journal of Computational Intelligence Research ISSN 0973-1873 Volume 13, Number 10 (2017), pp. 2379-2390 © Research India Publications.
9. A Critical Comparative Study of Gender Differences in Indian Liver Patients using t- Test for Independent Samples - K.Swapna and Prof. M.S. Prasad Babu Paper was **accepted** in IJRASET, Volume 6 Issue II, and Paper ID: IJRASET13637.

CONFERENCES: 05

1. Implementation of Partitional Clustering on ILPD Dataset to Predict Liver Disorders Prof. M.S.PrasadBabu, Prof.M.Ramjee, K.Somesh, K.Swapna paper was published in International conference on2016, 7th IEEE International Conference on Software Engineering and Service Science (ICSESS 2016) will be held on August 26-28, 2016 in Beijing, China.

2. Clustering of ILPD Dataset with K-means, Hierarchical and DBSCAN Algorithms- K.Swapna, Prof. M.S. Prasad Babu and B. Jogeswara Rao paper was published and presented in 102nd Indian Science Congress Association., Mumbai 2015.
3. Cluster Validation Techniques in ILPD dataset with k-means and fuzzy c-means Algorithms-K.Swapna, Prof. M.S. Prasad Babu paper was published and presented in International conference on AIRES-2015 organized by Department of Computer science and systems engineering, Andhra University, Visakhapatnam.
4. Gene data processing using k-means algorithm of Multiple Diseases-M.S.Prasad Babu E.Neelima, K.Swapna paper was published in International conference on AIRES-2015 organized by Department of computer science and systems engineering, Andhra University, Visakhapatnam.
5. Critical Evaluation of Predictive Analytic techniques for the Design of Knowledge Base- K.Swapna and Prof. M.S. Prasad Babu paper was published in Springer International conference on Emerging trends in Engineering (ICETE) held during 22-23 March 2019, University College of Engineering (A) Osmaniya University, and Hyderabad, INDIA.

WORKSHOPS ATTENDED: 24

1. Attended a Two Day National Workshop on PADAM-2017 sponsored by TEQIP-IIat College of Engineering (A), Department of CS &SE, Andhra University, and Visakhapatnam from 18th to 19th March 2017.
2. Attended a Two Day National Workshop on Advances in Web Mining and Big Data under TEQIP-IIat College of Engineering (A), Department of CS &SE, Andhra University, Visakhapatnam from 18th to 19th December 2014.
3. Attended a Two Day National Workshop on Emerging Research Trends in Data Mining for Bioinformatics under TEQIP-II Co-Sponsored by IEEE Vizag Bay Sub Section at College of Engineering (A), Department of CS &SE, Andhra University, Visakhapatnam from 20th to 21st December 2013.
4. Attended a National Workshop on Pattern Extraction Using Intelligent Systems in association with IEEE Vizag Bay Sub Section at College of Engineering (A), Department of CS &SE, Andhra University, and Visakhapatnam on 24th March 2012.
5. Attended a National Workshop on E-Governance held at Andhra University, Visakhapatnam on 26th March 2011.

6. Attended a National Workshop on Data Communication and Security organized by the Department of CS &SE, College of Engineering (A), Andhra University, Visakhapatnam on 31st January 2011.
7. Attended a National Workshop on Data Communication and Security organized by the Department of CS &SE, College of Engineering (A), Andhra University, Visakhapatnam on 31st January 2011.
8. Attended a “7- Day Faculty Development Programme on Rural Community Engagement “held from 21-01-2019 to 27-01-2019 organized by Mahatma Gandhi National Council of Rural Education, Hyderabad in collaboration with Dr B.R.Ambedkar University, Srikakulsm.
9. Attended a National Workshop on “ Intellectual Property Rights and Patents (IPRJP)” Organized by College of Science, Dr.B.R.Ambedkar University, Srikakulam, Andhra Pradesh in Collaboration with National Research Development Corporation (NRDC), New Delhi on 28th Feb 2019.
10. Attended “An International symposium on Multi –Disciplinary Trends & Technologies“ SAVISKAR 2K19” Organized by College of Engineering, Dr.B.R.Ambedkar University, Srikakulam., in Collaboration with LINCOLN UNIVERSITY, Malaysia, held from 1st & 2nd of April 2019.
11. Attended a webinar on “Cryptography and network Security “ Gayathri Vidya parished college of Engineering For women” on 4th June 2020.
12. Attended a “5- Day FDP on “Data Handling &Data Visualization Using Python” held from 13-07-2020 to 17-07-2020 organized by Department of Computer science &Engineering .KKR &KSR Institute Of Technology &Science ,Guntur.
13. Attended a “one week online FDP on “Machine Learning and its Applications” held from 4-07-2020 to 8-07-2020 organized by Department of Information technology .Aditya Institute of Technology and Management.
14. Attended a e-workshop on “ANGULAR JS” organized by Vignan’s Institute of Engineering for women, Vishakapatnam , on 26 th june 2020.
15. Attended a “FDP on “Data Science ” held from 1st june 2020 to june 30th 2020 organized by APSSDC, Andhra pradesh.

16. Attended a 14 days FDP on for Science, Engineering & Arts faculty on “Role of Academia in Sustainable Development “organized by Dr.B.R.Ambedkar University, Srikakulam, from 25-06-2020 to 8-7-2020.
17. Attended a webinar on “Machine learning & its Applications”, organized by department of computer science Dr.B.R.Ambedkar University, Srikakulam on 26th & 27th July 2020.
18. Attended a 21 days FDP on “Adopting to online Teaching Learning Technologies” organized by Dr.B.R.Ambedkar University, Srikakulam, from 16 NOV to 07 Dec 2020.
19. Attended a “one week online FDP on “Machine Learning Using python programming” held from 10th June 2021 to 16th June 2021 organized by department of information technology , aitam college ,Tekkali, Andhra Pradesh.
20. Attended a webinar on “Emerging Capabilities of Artificial intelligence” organized by Department of computer science & Information technology school of Engineering and Technology ,Mizoram university, Aizawl in Association with CSI, Kolkatta Chapter, on 23rd July , 2021
21. Attended a “one week online FDP on “Block chain Applications, Use cases and Opportunities” held from 26th July 2021 to 30th July 2021 organized by NSS cell, Adikavi Nannaya University
22. Attended a webinar on “IOT ECO SYSTEM AND INDUSTRY 4.0”, organized by department of computer science technology and Research Vignana’S Foundation for Science Technology and Research (Deemed to be University), vadlamudi, Guntur, Andhrapradesh, INDIA,” on 30th July 2021.
23. Attended a webinar on “Modeling software Architecture with Robin Milners calculus of Communicating System (CCS)”, organized by department of computer science & Engineering , Vignana’S Foundation for Science Technology and Research (Deemed to be University), vadlamudi, ,Guntur, Andhrapradesh, INDIA,” on 23th July 2021.
24. Attended a “Two week online FDP on Machine Learning Using python programming” held from 22nd April 2021 to 5th May 2021 organized by department of information technology , aitam college ,Tekkali, Andhra Pradesh.

ADMINISTRATIVE EXPERIENCE:

- Swayam university coordinator & digital Library university coordinator for Dr.B.R. Ambedkar university, srikakulam for 2019 - 2021 for Two Academic years.
- Assistant principal for College of Engineering, Dr.B.R. Ambedkar university, srikakulam for NOV 2020 - NOV2021 One Academic year.
- CSI chapter coordinator in CSE Department, College of Engineering, Dr.B.R. Ambedkar university, Srikakulam, from Dec 2020 to **Till now**.
- University Website coordinator for Dr.B.R. Ambedkar university, srikakulam from Nov 27th 2021 to **Till now**.

PERSONAL DETAILS:

Name : Dr. KETHIREDDY SWAPNA

Date of birth : 10-5-1981

Marital Status : Married

Husband's Name : P.venkata Ramana

Address : K.SWAPNA

SRI LAKSHMI NILAYAM,
D.No.1-108-7, S.No. 68/8,
Sector-8, M.V.P. Colony
Visakhapatnam – 530017

Place: Srikakulam

Date : 5-5-2022

(Dr. K. SWAPNA)