

PROFILE

Name : : JAHNAVI Y
Designation : : Assistant Professor
Email : : jahnavi@drvskrishnagdc.edu.in
Department : : Department of Computer Science

EDUCATIONAL DETAILS:

Degree	University	Field of Specialization
B.Tech.	JNTU, Hyderabad	Computer Science & Engineering
M.Tech.	Sri Venkateswara University, Tirupathi	Computer Science & Engineering
Ph.D.	GITAM University, Visakhapatnam.	Computer Science & Engineering (Data Science and Data Analytics)

Achievements:

1. Qualified **UGC NET, GATE and APSET**.
2. Published books and papers in **ACM** and **IEEE** digital library.
3. **Academic distinctions** throughout the career.
4. Delivered Guest Lectures and Invited Keynote speaker for various conferences.
5. Ratified as Associate Professor and Assistant Professor at JNTUA, Assistant Professor at SVU.

Years of Experience: 18 years

Memberships in Professional Bodies:

- CSI
- LMISTE
- IAENG
- IRED

Subjects Taught

- Formal Languages and Automata Theory
- Mathematical Foundations for Computer Science
- Data Warehousing and Data Mining
- Information Retrieval Systems

- Compiler Design
- Operating Systems
- Design and Analysis of Algorithms
- Semantic Web
- Web Technologies etc.

Publications::

Books published::

1 : A New Term Weighting Algorithm for Identifying Salient Events, **Laplambert Publishers**, 2018, ISBN: 978-613-87638-2

2 : DATA CLASSIFICATION USING WAIKATO ENVIRONMENT FOR KNOWLEDGE ANALYSIS, **Laplambert Publishers**, 2019, ISBN: 978-613-9-44593-6

Patent::

Sentiment Analysis: Robust outlier detection in noisy data classification system under abundant mislabeled training instances using SVM Lie group machine learning models for brain images.

Application Number: 202141037190 A

Publications in International Journals ::

1. A New Algorithm for Time Series Prediction Using Machine Learning Models, Evolutionary Intelligence (**Springer**), Accepted, 2022.
2. A Novel Ensemble Stacking Classification of Genetic Variations Using Machine Learning Algorithms, International Journal of Image and Graphics (**World Scientific**), Online Ready, 2021.
3. FPST: a new term weighting algorithm for long running and short lived events, Int. J. Data Analysis Techniques and Strategies (**Inderscience Publishers**), Vol. 7, No. 4, 2015, SCOPUS indexed.
<https://dl.acm.org/doi/abs/10.1504/IJDATS.2015.073863>
4. Statistical data mining technique for salient feature extraction, Int. J. Intelligent Systems Technologies and Applications (**Inderscience Publishers**), Vol. 18, No. 4, 2019, SCOPUS indexed.

5. Analysis of weather data using various regression algorithms, Int. J. Data Science (**Inderscience Publishers**), Vol. 4, No. 2, 2019
6. Relevant Web Revisitation by Context and Content Keywords, Indian Journal of Public Health Research & Development, 2019, Vol. 10, No. 5, 2019, **SCOPUS indexed**.
7. Country Location Classification on Tweets, Indian Journal of Public Health Research & Development, Vol. 10, No. 5, 2019, **SCOPUS indexed**.
8. An Extensive Study for the Development of Web Pages, Indian Journal of Public Health Research & Development, Vol. 10, No. 5, 2019, **SCOPUS indexed**.
9. Enabling Cloud Data Service Security with Key Exposure, Indian Journal of Public Health Research & Development, Vol. 10, No. 5, 2019.
10. Security Health monitoring and Attestation of Virtual Machines in Cloud computing, Indian Journal of Public Health Research & Development, Vol. 10, No. 5, 2019.
11. A Rapid Phrasing Search for Encrypted Cloud Storage, Indian Journal of Public Health Research & Development, Vol. 10, No. 5, 2019.
12. "A Cogitate Study on Text Mining", International Journal of Engineering and Advanced Technology, Volume.1, No. 6, pp. 189-196, (2012).
13. "An Improvement to TF*PDF: Salient Long Running Event Detection from News Documents based on various features", *Elixir Comp. Sci. & Engg.*, Vol. 68, No. 1, pp. 21953-21958, (2014).
14. "Efficient Analysis and Prediction of Hard Keyword Queries over Databases", International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3, No. 6, pp. 51-57, (2015).
15. "Design Of Data Sharing Platform Using Bestpeer ++ Technology", International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3, No. 6, pp. 44-50, (2015).
16. "Community-Based Health Service for Lexis Gap in Online Health Seekers", International Journal of Engineering Trends and Applications (IJIT), Vol. 2, No. 5, pp. 14-20, (2016), ISSN: 2454-5414.

17. "Scalable and Synchronized City-Scale Taxi Sharing", International Journal of Computer Science Trends and Technology (IJCTST), Vol. 4, No. 5, pp. 286-292, (2016), ISSN:2347-8578.
18. "Secure Level Alien Parallel Trust against Sybil Attack in P2P E-Commerce", International Journal of Engineering Trends and Applications, Vol. 2, No. 5, pp. 21-25, (2016), ISSN: 2454-5414.
19. "Designing an Optimal Data Delivery Strategy at Base Station in Mobility Nets", International Journal of Engineering Trends and Applications, Vol. 2, No. 5, pp. 10-13, (2016), ISSN: 2454-5414.
20. "A System Satisfying the Basic Requirements of Services in Unwired Nets", International Journal of Engineering Trends and Applications, Vol. 10, No. 13, pp.04-09, (2016), ISSN: 2454-5414.

Papers Presented in Conferences: :

1. 'Hot Topic Extraction based on Frequency, Position, Scattering and Topical Weight for Time Sliced News Documents', *IEEE 15th International Conference on Advanced Computing Technologies (ICACT)*, pp. 1-6, 2013, **SCOPUS indexed**.
2. "IR, IE, TM with NLP techniques", *IEEE International Conference on COMPUTING AND COMMUNICATIONS TECHNOLOGIES (ICCCT'15)*", 26 & 27 February, 2015.
3. "Time Slot Based Hot Sentence Clustering using Statistical Measures", A National Conference on Technology and Research Advances in Computer Science (TRACS)-2010, September 24 & 25, 2010.
4. Efficient Bandwidth utilization with congestion control for wireless mesh networks, National Conference on Advanced Technologies in Computer Science and Information Technology, pp. 6-11, 2014.
5. Integration of SoC with Open Core protocol, National Conference on Emerging Trends in Electronics and Communication Engineering (NCETEC '13), pp. 75-79, 2013.
6. Efficient Analysis and Prediction of Hard Keyword Queries Over Databases, National level conference "NCATCSIT-2015", 14 August 2015.
7. Design Of Data Sharing Platform Using Best peer ++ Technology, National level conference "NCATCSIT-2015", 14 August 2015.

8. Community-Based Health Service for Lexis Gap in Online Health Seekers, National level conference “NCATCSIT-2016”, 08 October 2016.
9. Scalable and Synchronized City-Scale Taxi Sharing, National level conference “NCATCSIT-2016”, 08 October 2016.

Quality Improvement Programs (Organized Conferences, Seminars, Workshops, FDPs) : :

- Convener for National Conference on Advanced Technologies in Computer Science and Information Technology-NCATCSIT-2015, NCATCSIT-2016 on 14th August 2015 and 08th October 2016, ICATCSIT-2017, ICATCSIT-2018.
- Remote Centre Coordinator for NMEICT MHRD Govt of India Faculty Development Program on C and C++ workshop on 29/02/20.
- Remote Centre Coordinator for NMEICT MHRD Govt of India Faculty Development Program on Arduino workshop on 18/01/20.
- Remote Centre Coordinator for NMEICT MHRD Govt of India Faculty Development Program on R workshop on 09/11/19.
- Remote Centre Coordinator for NMEICT MHRD Govt of India Faculty Development Program on Esim Workshop on 21/09/19.
- Remote Centre Coordinator for NMEICT MHRD Govt of India Faculty Development Program on Linux Workshop on 23/08/2019.
- Remote Centre Coordinator for NMEICT MHRD Govt of India Faculty Development Program on Python Workshop on 22/06/2019.
- Remote Centre Coordinator for NMEICT MHRD Govt of India Faculty Development Program on Moodle - Learning Management System on 15/03/2019.
- Pedagogy for Online and Blended Teaching-Learning from 14 Sep - 12 Oct 2017.
- Foundation Program in ICT For Education from 03 Aug to 12 Oct 2017.
- Engineering Physics from 08 Dec to 18 Dec 2015.
- Technical Communication from 30 Nov to 05 Dec 2015.
- Environmental Studies from 02 Jun to 12 Jun 2015.
- Convener for A One Day Workshop on Trends in Mobile Computing, Internet of Things and Cyber Physical Systems in association with CSI on 13th April 2016.
- Organizer for Spoken Tutorial Training certification for C PROGRAMMING on 01 March 2016.

- Organizer for Spoken Tutorial Training certification for JAVA on 02 March 2016.
- Organizer for Spoken Tutorial Training certification for C PROGRAMMING on 03 March 2016.
- Organizer for Spoken Tutorial Training certification for C PROGRAMMING on 04 March 2016.
- Organizer for Spoken Tutorial Training certification for C PROGRAMMING on 10 April 2015.
- Organizer for Spoken Tutorial Training certification for C PROGRAMMING on 21 Sep 2015.
- Organizer for Spoken Tutorial Training certification for Scilab on 22 Sep 2015.
- Organizer for Spoken Tutorial Training certification for Php and Mysql on 23 Sep 2015.
- Convener for Ethical Hacking Workshop i.e., Cyber Security and Malware Analysis on 10th and 11th Oct 2015.etc.,

Quality Improvement Programs (Attended Conferences, Seminars, Workshops, FDPs) : :

- In-House Training Programme on “Effective Teaching Methodology”, from 24.11.2003 to 29.11.2003.
- Quality improvement Programme on “Instructional Design and Delivery” from 24.10.2005 to 29.10.2005.
- IDEAS’ 06 , 10th International Conference, December 11-13, 2006, IIT Delhi, India.
- COMAD, International Conference, December 14-16, 2006, IIT Delhi, India.
- One week training, “Max Academy for Excellence thro Innovative Educational Skills”, by J. N. Reddy.
- Cyber Security and Malware Analysis Workshop on 24th and 25th January 2011.
- Data Mining Workshop on 18th August-2012 organized by CSI-GIST One Day Workshop.
- Python and System Administration Workshop on 9th and 10th October-2012 organized by CSI-GIST Two Day Workshop.
- Half Day ISTE Workshop on Green Building Awareness, Under the National Mission on Education through ICT (MHRD, Govt. of India), August 24th, 2013.
- NBA Phase-I workshop for “Training Resource Persons on Outcome based Accreditation”, on 3rd February, 2014 at NBA Training Centre, JNTUACE, Pulivendula.

- NBA training program on “Outcome Based Education & Accreditation“, from 21st to 23rd March, 2014 at NBA Training Centre, JNTUACE, Pulivendula.
- Training course on Internal Auditing of Quality Management System as per ISO 9001:2008 from 24.03.2014 to 25.03.2014.
- One week ISTE Workshop on Computer Programming under National Mission on Education through ICT, 21 April to 26 April, 2014, IIT Bombay.
- One week Workshop on Computer Networking under National Mission on Education through ICT, May 5th, 2014 to May 9th, 2014.
- Two Week ISTE Main Workshop on Cyber Security Under the National Mission on Education through ICT, MHRD, Govt. of India July 10th, 2014 to July 20th, 2014.
- Attended the IUCEE Research Cluster webinar on Cloud Computing on March 28th, 2016.
- Faculty Development Program on “Outcome Based Education System and Values of NBA” from 20th to 21st June 2016.
- One Week Faculty Development Program on Data Science and Big Data Analytics, organized by NIT, Warangal under the scheme of Electronics and ICT Academy, from 25th to 30th November, 2016.
- One Week Faculty Development Program on Data Analytics Using R, IIT Kharagpur from 20th to 26th November, 2017.
- A Two day workshop: e yantra on “Introduction to Robotics” conducted on 28th and 29th June 2018.
- Two week FDP on Data Science and Big Data Analytics, NBKR Inst. Of Science & Technology from 11th to 21st September 2019.
- NPTEL Online Certification with elite for the course on “Theory of Computation”.

Additional Activities

- Remote Center Coordinator of IITB
- Governing Body member
- Guided 30 batches in B. Tech level Project Work and 8 batches in M. Tech. level Project Work

- Organized various National level and International level Technical Symposiums, Conferences for PG's, Scholars and faculty members of various engineering colleges etc.,
- Submitted proposals for AICTE-ISTE Induction/ Refresher programs.

(Y. JAHNAVI)