

Personal Information

Name	Dr.R.Suneetha Rani
Years of Experience	20
Email Id	suneetharani.r@bvrithyderabad.edu.in
Areas of Specialization	Machine Learning, Cloud Computing, Data Mining,



Educational Qualifications

Doctoral Degree	Ph.D(CSE).	JNTUK,Kakinada
PG Degree	M.Tech.(SE)	JNTUA,Ananatapur
UG Degree	B.Tech(CSE)	Rao & Naidu College of Engineering, Ongole Affiliated to JNTUH,

Patent Filed

1. Published a patent “Keynote Speaker Bot For Institution” (Application No: 202141008483) dated on 12/03/2021.
2. Published International Patent with Grant “A Distributed Antenna Based System To Track The Covid Patients And Monitor Them Continuously” (Application No:2020101444) dated on 06.08.2020.
3. Published a Patent “Smart Buster” (Application No: 202041002070) dated on 07.02.2020.
4. Published a Patent “Aeroplane, Air craft Accidents predictive analytics using Machine learning,Deep learning and other programming” (Application No:202041001797) dated on 17.01.2020.
5. Published a Patent “Iot-Drone: Through Iot Auto Security Smart Cam drone and Station Design” (Application No: 315894-001) dated 18.03.2019.

Books Publishes / Book Chapters / Monographs: ----

Papers Published

International Journal Publications

1. R. Suneetha Rani ,P. Madhavan,A. Prakasha ,” Improving the Mean Shift Clustering AlgorithmforUniversalBackgroundModel(UBM)”,Circuits,Systems,andSignalProcessing(S pringer), March 2022. <https://doi.org/10.1007/s00034-022-01962-3>
2. R. Suneetha Rani, B.Ragha Veena," **Infringement Identification Detection using Machine Learning Techniques**", International Journal of Design Engineering ,vol.7, Issues 7, pp.10647-10655-9342, August 2021.
3. R. Suneetha Rani, B.Ragha Veena," **Medical Data Analysis On Brain Tumor Using Deep Neural Networks** ", International Journal of Design Engineering ,vol.7, Issues 7, pp.10631-10639-9342, August 2021.
4. A. Prakasha, O. Vignesh, R. Suneetha Rani and S. Abinayaa," **An Ensemble Technique for Early Prediction of Type 2 Diabetes Mellitus – A Normalization Approach** ", Turkish Journal of Computer and Mathematics Education ,vol.12,issue 9,pp. 2136-2143, April 2021.
5. R Suneetha Rani, G LV Prasad, A Prakash and A Ramesh," **Improving the Performance of Speech Clustering Methods Using I-vectors** ", IOP Conf. Series: Materials Science and Engineering,vol.1070,issue 2021,pp. 1-9, Feb 2021.
6. R. Suneetha Rani,G Venkata Sai Sankar , " **A Scalable File Shared Desk Architecture for Large Cluster Computing** ", International Journal of Future Generation Communication and Networking ,vol.13,issue 3,pp. 3395-3412,July 2020.
7. R. Suneetha Rani,Vejandla Lavanya , " Detection of Brain Tumor in MRI Images Using Image Processing ", International Journal of Advanced Science and Technology , vol.29,issue 4,pp. 7539 –7545,July 2020.

8. R. Suneetha Rani, Srikavya Kancharla , " Detection of a Drive Drowsiness Based on Eyes Closure and Yawning using Aspect Ratio ", International Journal of Advanced Science and Technology , vol.29,issue 4,pp. pp. 7531 –7538,July 2020.
9. T. Suneetha Rani, Dr. M.H.M. Krishna Prasad, "Access the number of speakers through visual access tendency for effective speech clustering", International Journal of System Assurance Engineering and Management , Springer, Volume 9, Issue 2, pp 559–566, Feb 2018, ISSN 0975-6809, <https://doi.org/10.1007/s13198-018-0703-3>.
(<https://link.springer.com/article/10.1007%2Fs13198-018-0703-3>).
10. T. Suneetha Rani, P. Anjaiah, K. Keerthi , "Unification of Artificial Intelligence and Big Data Using NLP", Journal of Advanced Research in Dynamical and Control Systems , Vol. 10, 04-Special Issue, 2018.
11. K. Keerthi , P. Anjaiah, T. Suneetha Rani, "Survey on Digital Twin", Journal of Advanced Research in Dynamical and Control Systems , Vol. 10, 04-Special Issue, 2018.
12. K. Rajendra Prasad, T. Suneetha Rani, Suleman Basha , " An Effective Texture Features Based Mammogram Mass Detection System", International Journal of Engineering & Technology , Vol. 07, issue 3, PP 601-605, 2018.
13. T. Suneetha Rani, S. J. Soujanya, P. Anjaiah, "Breast Cancer Detection Using Combination of Feature Extraction Models", International Journal of Engineering & Technology , Vol. 07, issue 3, PP 848-853, 2018.
14. T. Suneetha Rani, Dr. M.H.M. Krishna Prasad, "Direct Visual Clustering Methods by Linear Subspace Learning for Speech Data", International Journal of Pure and Applied Mathematics , Vol. 117, No. 15, PP 1057-1070, Dec 2017, 1311-8080.
(<http://acadpubl.eu/isi/2017-117-15/articles/15/86.pdf>)
15. T. Suneetha Rani, Dr. M.H.M. Krishna Prasad, "Access the cluster tendency by visual methods for robust speech clustering", International Journal of System Assurance Engineering and Management , Springer, Vol 8, Issue 1, PP 465–477, Oct 2015, ISSN 0975-6809, <https://doi.org/10.1007/s13198-015-0393-z>.
(<https://link.springer.com/article/10.1007%2Fs13198-015-0393-z>).

16. R. Suneetha Rani, A.Swathi,M.Sindhu,Y.Mani Kanta,K.Mahesh Babu, "Presenting Efficient Methods for Evaluating Competitiveness Using Large review datasets", The International journal of analytical and experimental modal analysis , Vol. 14,Issue 1, pp.1551-1557, Jan 2022.
17. R. Suneetha Rani, Venkata Lavanya., Raja Issac Samuel. K,T.Vamsi Krishna, "Handwritten Digit Recognition Using Cnn", The International journal of analytical and experimental modal analysis , Vol. 8,Issue 2, pp. 949-956, Feb 2021.
18. R. Suneetha Rani, K.Tejo Venkat, K. Praveen Kumar ,T.Vamsi Krishna, "Online Rental House", Science,Technology and Development , Vol. 9,Issue 12, pp. 305-311, December 2020.
19. R. Suneetha Rani, S Mugdha Pravallika,Naga Malleswari Bai,B Devika, "**Efficient and Secure Location-Based Out Sourced Aggregation in IOT**", Advanced Science Letters , Vol.26,Issue 6, pp. 236-244,June 2020.
20. R. Suneetha Rani, Shaik Jameerulla, Polu. Nikhil Dev, "**A New Approach to Provide Security And Privacy In Cloud Of Clouds**", International Journal Of Analytical And Experimental Modal Analysis , Vol.8,Issue 3, Pp. 603-610,March 2020.
21. R. Suneetha Rani , Papanaboyina. Sri Hari,, Potu. Sri Kanth, "**Enhancing The Performance of Collaborative Filtering By Analyzing The Behavior of User** ", Journal of Engineering, Computing and Architecture , Vol.10,Issue 3,pp 67-70, March 2020.
22. R. Suneetha Rani , Konuru Ramanjaneyelu, Kurmala Mallikharjunarao,"**An Efficient Mechanism to Address The Security And Privacy Issues Of Cloud Storage In Big Data Era**", Journal of Information and Computational Science , Vol.10,Issue 3,pp 372-379, March 2020.
23. Iswarya M, T.Suneetha Rani , " A Novel Ranking Techniques in Social Networking" International Journal of Management, Technology And Engineering , Volume 9, Issue 3, pp 2403- 2409,March 2019.

24. T. Suneetha Rani, CH. Venkata Pavithra, V. Ramya Pooja , Y. Harika , CH. Ajay, “Highlihter: Automatic Highlihting Of Electronic Learning Documents ” , International Journal Of Research In Electronics And Computer Engineering , Volume 7, Issue 1, March 2019.
25. T.Suneetha Rani , Y.Ujwala , T.Radha Lakshmi, M.Sharon Jyothsna , A.Nagendra, “Student Placement System” , International Journal of Management, Technology And Engineering , Volume 9, Issue 3, pp 3804- 3806, March 2019.
26. T. Suneetha Rani , R. Brahmananda Reddy, R. Vinay Chowdary, P. Poornachandra Rao, P. Nagoor, “A Secure And Adoptive Privacy Management System For Social Networking Applications ” , International Journal Of Research In Electronics And Computer Engineering , Volume 7, Issue 1, pp 1806-1811, March 2019.
27. B.Manisha ,T. Suneetha Rani , “**Observation Of Social Interaction For Stress Detection In Social Media**”, International Journal of Computer Technology & Application , Vol. 9, Issue 6, PP 377-393 Dec 2018.
28. U.Girija ,T. Suneetha Rani , “**Efficient and Flashing Nearest Neighbor Search with Keywords**”, International Journal of Innovative Research in Computer and Communication Engineering , Vol. 6, Issue 22, PP 4353-4357 June 2017.
29. T. Suneetha Rani ,V. Samyuktha , “ **Homomorphism based cloudKeyBank System for most secure transactions in Cloud Computing** ”, International Journal of Innovative Research in Computer and Communication Engineering , Vol. 5, Issue 7, PP 1111-1117 Feb 2017.
30. J.Gangadhar ,T. Suneetha Rani , “**Keyword Search to Locate the Deep Web Databases with Crawler**”, International Journal of Innovative Research in Computer and Communication Engineering , Vol. 5, Issue 37, PP 7735-7739, Oct 2016.
31. B.Sumathi ,T. Suneetha Rani , “**Data Backup Using Random Access in the Absence of Network** ”, International Journal of IEEE , Vol. 4, Issue 4, PP 21-24, Oct 2016.
32. Fahmida begum , T. Suneetha Rani , K. Bhargavi , “**A Review on Healthcare in Cloud** ” , International Journal of Science Technology & Engineering , Vol. 2, Issue 06, PP 125-129 , Dec 2015.

33. T. Suneetha Rani , P Papireddy , **“Query-Specific Semantic Signatures Used For Checking the Image Re-Ranking Controlled By Admin”**, International Journal of Innovative Research in Computer and Communication Engineering , Vol. 3, Issue 12, PP 12455-12461, Dec 2015.
34. T. Suneetha Rani , Y. Kartheek, **“Classification of Page to the aspect of Crawl Web Forum and URL Navigation”**, International Journal of Computer Trends and Technology , Vol. 20, Issue 1, PP 7-11, Nov 2015.
35. G.Gopi , T. Suneetha Rani , **“An adaptive Hierarchical clustering algorithm for segment sentence level Text ”**, International Journal of computer & Organization Trends, Vol. 15, Issue 1, PP 52-55 ,Dec 2014.
36. T.Suneetha Rani,T.Brahmani, **“Efficiently Providing Data Confidentiality in Cloud ”** , International Journal of Scientific Engineering & technology Research Vol 2,Issue 16, PP 17777-17781, Nov 2013.
37. T Bhaswathi Brahmini, T Suneetha Rani, **“Secure Data Forwarding in Distributed Environment using Cloud Storage System ”** , International Journal of Advanced Technology and Innovative Research Vol 6,Issue 16, PP 815-820, Oct 2013.

2020-2021

International Conference Publications

1. First International Conference on Recent Innovations in Engineering and Technology (ICRIET 2020) at Nandha Engineering College(Autonomous),Tamil Nadu titled **“Improving the Performance of Speech Clustering Methods Using I-vectors ”**, During 4th to 5th December 2020, Proceedings Published in IOP SCIENCE(**Scopus Indexed**).

National Conference Publications

1. **Seventh International Conference on Data Mining and warehousing (ICDMW) at University Visvesvaraya College of Engineering , bangalore titled “Frame Work of Time Series Data Stream Clustering Analysis” , from 9th to 11th August 2013 conference proceedings published in Elsevier.**
2. **International Conference on Advances in Computer Science and Engineering (ICACSE 2013) at Venue: Lords Institute of Engineering and Technology, titled “Secure data accumulation by ant agents in wireless sensor network using randomized dispersive routing mechanism” , from 7th to 8th January 2013.**

FDP's Attended / Conducted

- Conducted one day International level conference on **“International Conference On Information Processing and Computing(ICIPC 2022)”** at Qis College of Engineering and Technology.
- Conducted one day National level conference on **“International Conference On RecentTrends In Engineering And Technology (Icrtet-2k21)”** at Qis College of Engineering and Technology.
- Conducted one Week Workshop on **“Innovation Incubation Start-ups & Research Challenges in India”** at Qis College of Engineering and Technology.
- Conducted one day National level conference on **“ Recent Advancements in IT ”** at Qis College of Engineering and Technology.
- Conducted one day National level conference on **“ Emerging Trends In Computer Science and Engineering ”**at Qis College of Engineering And Technology.
- Conducted workshop on **“ Ethical Hacking & Cyber Forensics”** at Pace Institute of Technology and Sciences.
- Conducted National level symposium **SRUJANA-2k11** conducted at Pace Institute of Technology and Sciences.

- Conducted National level workshop on **“Trends In Sever Administration”** at Pace Institute of Technology and Sciences.

Attended:

1. Attended Two-Week online **Faculty Development Program** on **“Internet of Things (IoT) ”** from 13th to 25th July,2020 Conducted by Andhra Pradesh State Skill Development Corporation (Apsfdc).
2. Attended One Week Online Short Term Course (STC) on **“Blockchain and Machine Learning”** from 29th to 3rd July,2020 Conducted by Grukula Kangri Vishwavidyalaya, Haridwar..
3. Attended One Month online **Faculty Development Program** on **“Data Science”** from 1st to 30th June,2020 Conducted by Andhra Pradesh State Skill Development Corporation (Apsfdc).
4. Attended Two-Week online **Faculty Development Program** on **“Python Programming”** from 18th to 30th May,2020 Conducted by Andhra Pradesh State Skill Development Corporation (Apsfdc).
5. Attended Five days online **Faculty Development Program** on **“Artificial Intelligence”** from 22nd to 26th May,2020 Conducted by Lendi Institute of Engineering and Technology, Kakinada.
6. Attended Two-Week online **Faculty Development Program** on **“Data Science using Python”** from 15th to 24th May,2020 Conducted by Lakkireddy Bali Reddy College of Engineering, Mylavaram.
7. Attended One Week online **Faculty Development Program** on **“Machine Learning Using R”** from 11th to 16th May,2020 Conducted by Qis College of Engineering and Technology,Ongole.
8. Attended Five Days **Online Faculty Development Program (FDP)** on **“R Programming”** from 27th April to 1st May,2020 organized by Indo Global Group of Colleges, New Chandigarh in association with IIT Bombay Spoken Tutorial (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India).

9. Attended Five Days Short Term Training (ICT) Program on **“Curriculum Implementation”** from 23rd to 27th September,2019 Conducted by NITTTR Chandigarh.
10. Attended Two Days Workshop on **“Big Data Analytics Using Hadoop”** from 17th to 18th April ,2019 Conducted by Bennett University.
11. Attended Five Days Short Term Training(ICT) Program on **“Data Science using R”** from 26th to 30th November,2018 Conducted by NITTTR Chandigarh.
12. Attended Two Days Faculty Development Program on **“Machine Learning using MATLAB”** from 29th to 30th October,2018 at QIS College of Engineering & Technology.
13. Attended Six Days Faculty Development Program on **“Android Application Development ”** from 9th to 14th January,2018 at QIS College of Engineering &Technology.
14. Attended Five Days Faculty Development Program on **“CISCO Networking ”** from 6th to 11th , December 2017 at QIS College of Engineering &Technology.
15. Attended Six Days Faculty Development Program on **“Advanced Web Technologies ”** from 15th to 20th February,2016 at QIS College of Engineering &Technology.
16. Attended Six Days Faculty Development Program on **“Pridictive Dataming ”** from 3rd to 8th August,2015 at QIS College of Engineering &Technology.
17. Attended Six Days Faculty Development Program on **“Data mining and Data warehousing research trends”** from 2nd to 7th July,2015 at QIS College of Engineering &Technology.
18. Attended One day Faculty Development Program on **“ Research Methodology & Innovation”** from 29th November,2014 at QIS College of Engineering &Technology.
19. Attended Two days Faculty Development Program on **“ Research Methodology ”**from 19th to 20th October,2013 at QIS College of Engineering &Technology.
20. Attended Two days Seminar on **“ Emerging Trends in Ubiquitous Computing ”**from 12th to 13th July ,2013 at QIS College of Engineering &Technology.

21. Attended Two weeks Faculty Development Program on **“Research Trends Data Mining and Data Warehousing”** from 16th to 29th May,2013 at QIS College of Engineering &Technology.

22. Attended a one week Faculty Development Program on **“Software Projects and Methodologies”** from 26th to 2nd April,2013 at QIS College of Engineering &Technology.

Professional Memberships:

- ISTE Life Membership
- IAENG Membership
- Society of Digital Information and Wireless Communications (SDIWC) Membership.

Any Other Achievements

- Acting as a Reviewer for the journal ***Transactions on Knowledge Discovery from Data (ACM-TKDD Journal)***.
- Acting as a Reviewer for the journal ***Journal of Engineering Science & Technology (JESTEC)***

Certifications:

- Completed online course on Programming for Everybody (Getting Started with Python) from **University of Michigan** on March-May 2020.
- Completed online course on Machine Learning(ML) from **NPTEL** during Feb – Apr 2019.
- Completed online Course on Engineering Education Research Conducted by **IUCEE** during Oct-Dec 2018.