



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)

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		FACULTY PROFILE		
Name of the Faculty		Dr.M.ARUNA SAFALI		
Designation		Associate Professor		
Email & Phone No		arunasafali.m@gmail.com		
		8501887997		
Date of Joining		01-04-2021		
Nature of Association		Regular		
Department		Computer Science & Engineering		
Educational Background		1. Awarded Ph.D (CSE) from Acharya Nagarjuna University, Guntur.		
		2. M.Tech (CSE) from JNTU Kakinada.		
Research Areas		scientific cognition of learning using Deep learning, Domain Sensitive large scale framework using NLP, Internet of Things and Sentiment Analysis		
Experience		12 years		
	S.No	Institute	Designation	Period
	3	Dhanekula Institute Of Engineering & Technology	Assoc.Professor	01-04-2021 to Till Date
	2	NRI Institute of Technology	Assoc.Professor	01-06-2012 to 31-03-2021
	1	Nimra Institute of Science and Technology	Asst.Professor	02-07-2009 to 03-04-2012



List of Publications (National and International Journals)

1. Dr. M. Aruna Safali, S. Nandini, K. Chamundeswari , V. Pavan Kumar, P. Bhavya Sri “Enhanced Crop Yielding Technique using Machine Learning”, Science, Technology and Development, ISSN : 0950-0707, Volume IX Issue III, MARCH 2020, pp-327-333.(UGC CARE)
2. Dr. M. Aruna Safali, G. Mani SriLakshmi, T. Hema Lekha Sri Naga Sai, J. Gopi, V. Hemanth. “Advanced Machine Learning Algorithm to Predict the Heart Disease”, Journal of Information and Computational Science, ISSN: 1548-7741, Volume 10 Issue 3, March– 2020,pp-622-627. (UGC CARE)
3. M.Aruna Safali, G.Sai Chaitanya Kumar Dr.. K.B.S Sastry,” Amalgamative Sentiment Analysis Framework on Social Networking Site” in IICDE Conference at Sir CR Reddy College of Engineering. IOP Conf. Series: Journal of Physics: Conf. Series 1228 (2019) 012010 IOP , doi:10.1088/1742-6596/1228/1/012010 (Scopus).

4. M.Aruna Safali, Dr. Ch.Suneetha “Ensemble Feature Analysis Classifier For Sentiment Analysis Using Convolutional Neural Networks”In IICDE Conference At Sir Cr Reddy College Of Engineering. IOP Conf. Series: Journal of Physics: Conf. Series 1228 (2019) 012009, doi:10.1088/1742-6596/1228/1/012009 (**Scopus Hi-indexed**).
5. M.Aruna Safali , Dr. Ch.Suneetha ”Ensemble Text Mining For Sentiment Analysis Using Deep Learning Based Stacked Auto Encoder ”Journal Of Adv Research In Dynamical & Control Systems, Vol.10,07-Special Issue, July-2018, Page No’s- 1827-1834.(**Scopus**).
6. M.Aruna Safali, Dr. Ch.Suneetha ”Ensemble Text Mining Using NLP And Ai Techniques ”International Journal Of Research In Electronics And Computer Engineering (IJRECE Vol. 6 Issue2apr.-June2018),ISSN(Online):2348-2281ISSN (Print):2393-9028 (UGC).
7. M. Aruna Safali, Dr. Ch. Suneetha “Survey On Comparative Analysis Of Sentiment Analysis Techniques” International Journal Of Research Volume Viii, Issue V, May/2019 pp- 2017-23 ISSN No:2236-6124(UGC).
8. M. Aruna Safali , Dr. Ch. Suneetha” Comparative Analysis Of Sentiment Analysis Techniques “ International Journal Of Management, Technology And Engineering Volume Ix, Issue V, May/2019 Page No’s 1997-2004 ISSN No : 2249-7455(UGC).
9. M. Aruna Safali, Dr. Ch. Suneetha “Comparison Of Ensemble Sentiment Analysis Using Convolutional Neural Networks” International Journal For Research In Engineering Application & Management (IJREAM) ISSN: 2454- 9150 Vol-05, Issue-02, May 2019 Page No’s 31-33 (UGC).
10. A. Sanjana, M.Aruna Safali” Implicit Map-Reduce Groups with Multi Task allocation Schedule” International Journal of Reviews on Recent Electronics and Computer Science (IJRRECS)/February 2018/Volume-6/Issue-2/8001-8005ISSN2321-5461.
11. M Aruna Safali, Dr. Ch.Suneetha “ScalableTwo-PhaseTop-Down Specialization Approach For Data Anonymization Using Map Reduce On Big Data For Data Anonymization Using “International journal of emerging trends In Technology And Sciences (ISSN: 2348 – 0246 (Online)), Volume-07, Issue-02, June-2016.
12. M. Kavitha Lakshmi,, M.Aruna Safali, Sep2015,” Adaptive Correlation Based Cluster Using Suffix Tree Formation”, International Journal Of AppliedSciences, Engineering And Management ISSN 2320 – 3439, Vol. 04, No. 02, Pp. 10 –18.
13. R.Anuradha,M.Aruna safali,Sep2014,”A New Approach For Providing Privacy Preserving Data Publishing ”International Journal Of Computer Science Information And Engg., Technologies ISSN 2277-4408 II 01072014-013.

National/International Conferences

1. Dr.M.ArunaSafali, Dr. Deena Babu Mandru, Dr.N.Raghavendra Sai, Dr.G.Sai Chaitanya Kumar “Assessing Deep Neural Network and Shallow for Network Intrusion Detection Systems in Cyber Security” 5th International Conference on Computing Methodologies and Communication (ICCM20221) **SPRINGER** (Accepted).
2. Dr.M.Aruna Safali, April 2021 “Recognition for lateral faces using Neural Networks” Recent Challenges in Engineering Science and Technology, Turkish journal of Computer and Mathematics Education ISSN 1309-4653, Vol.12 No.3(2021), Pp.5589-5595.(**Scopus**)
3. K.Parish Venkata Kumar, Sai Chaitanya Kumar, M.Aruna,May-2015 ”Mining Online Customer

Reviews For Product Feature-Based Ranking”, International Journal Of Advanced Research In Computer Science Volume 6, No.3.

4. Optimization Of Horizontal Aggregation In SQL By Using K-Means Clustering” In International Conference On Global Research In NRI It On 20th Feb.2013.
5. Attended National Conference On Advance Information Technology- Aitcsa- 2012 On 29th & 28th Dec-2012

FDP's/Workshops

1. One Week Short Term Training Program on “Web Development with Python Django Framework ” organized by Department of CSE, Ramachandra College of Engineering, Eluru from 16th November 2020 to 20th November 2020.
2. Two Week Online Faculty Development Program (FDP) on “Professional Morals, Work Ethics & Accountability for Teachers in Technical Education” organized by VRSEC during 19th - 31st October, 2020.
3. One week FDP on “High Quality Medical Diagnosis using Data Science for Societal Benefits” in VRSEC, During 21st to 25th September 2020.
4. A 3-Day Online Faculty Development Program on "Data science behind Natural Language Processing" in LBRCE, during 8th to 10th June 2020.
5. One week National Level Online FDP on "Internet Of Things and Artificial Intelligence" in KL Deemed to be University, During 1st to 6th June 2020.
6. Online Course Certification in COURSERA on "Python Basics" During May 2020.
7. Four week Online Course Certification in COURSERA on “Neural Networks and Deep Learning” During May 2020.
8. Five week Online Course Certification in COURSERA on “Machine Learning With Big Data” During April 2020.
9. One Week FDP On “Deep Learning With Ai Applications” In NRI It ,Vijayawada During 25th-30th November 2019.
10. Two Day FDP On “Innovative Teaching Methodologies” In NRI It , Vijayawada During 3rd And 4th October 2019.
11. Participated In Iccide-2017 During 14th And 15th July In L.B.R.C.E, Vijayawada.
12. One Day National Level Workshop In “The Art Of Publishing, Writing Thesis And Project Proposal”23rd April 2016 In KLU Deemed to be University.
13. IVRRIRR-2014 In RVR&JC College Of Engineering On 2nd &3rd May-2014.
14. “Big Data Analytics National Workshop” In RVR&JC College Of Engineering On 17th &18th April-2013.
15. “Android and Mobile Applications Development “On 19th&20th July2013.

Achievements / Awards/Honors'

1. YOUNG SCIENTIST AWARD-2020 by Andhra Pradesh Akademi of Sciences (APAS), Amaravati, AP.
2. Fellow Member in Andhra Pradesh Akademi of Sciences (APAS).
3. Fellow Member in International Institute of Organized Research (I2OR)
4. Scientific Committee Member for (ICRCEST) International Conference on Recent Challenges in Engineering Science and Technology-2021 on 09th - 10th April 2021.
5. Advisory National Committee Member for (ICREGT) 1st International Conference on Renewable Energy and Green Technology–2020 SRM IST in association with IFERP held on 09th - 10th October 2020.

Patents

1. “Architecture for Autonomous Sterilized Thermal Sensing System for Virus Scanning During Epidemics“, Application Number-202041012415 A.
2. “Smart Eyewear with Reading Assistive Book Reading”
Application Number- 201941049771 A.

Memberships

1. Editorial Member in International Journal for Development of Computer Science and Technology (<http://ijdcst.com/Editorialboard.aspx>).
2. Reviewer in Advances in Science, Technology and Engineering Systems Journal (ASTESJ) Scopus (ISSN: 2415-6698): ID: AJR05405.
3. Reviewer in “Journal of Big Data” indexed in Springer.
4. Professional Member in "INSTITUTE FOR ENGINEERING REASEACH AND PUBLICATION" (IFERP).
5. Lifetime Member in "INTERNATIONAL ASSOCIATION OF EMGINEERS"(IAENG).
6. Associate Member in "INSTITUTE OF RESEARCH ENGINEERS"(IRED).
7. Member in "COMPUTER SCIENCE TEACHERS ASSOCIATION"(CSTA).
8. Member in “Internet Society” (ISOC)- 2227439
9. Senior Member in “International Economics Development and Research Center”.

(Dr.M.Aruna Safali)