



Dr. A.P. SIVA KUMAR

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Educational Qualifications:

Course	Name of the Institution studied	Name of the University	Year of graduation	% of marks obtained	Division
SSC	Rotary English Medium High School, Guntakal	Board of Secondary Education	1995	81.16	Distinction
Intermediate /Diploma	Ratnam Junior College, Nellore	Board of Intermediate Education	1997	78.10	Distinction
B. Tech/B.E.	SreeVivesvarayaiah Institute of Technology	JNTU, Hyderabad	2002	74.96	Distinction
M. Tech/M.E	JNTUA College of Engineering, Anantapur	JNTU, Hyderabad	2004	78.81	Distinction
Ph.D.		JNTUA, Anantapur	2011	---	----

Experience:

Organization	Designation	Duration of Employment		Nature of Duties
		From	To	
JNTUA College Of Engineering, Pulivendula.	Assistant Professor	01-12-2006	11-03-2011	Teaching
JNTUA College Of Engineering, Anantapur	Assistant Professor	10-03-2011	15-07-2021	Teaching
JNTUA College Of Engineering, Anantapur	Associate Professor	16-07-2021	Till Date	Teaching

Achievements at work:

1. Developed Examination Management Software “**JEMS**” JNTUA Examination Management System (EMS) which automates various tasks and procedures associated with the pre-examination and the post-examination phases associated with the Examination Branch of an Autonomous College. Also
Developed EDEP support which converts Word to Latex, and assembles the Question Bank.
2. During the tenure of Placement officer at JNTUA College of Engineering, Pulivendula instrumental in placing record 121 student’s for second outgoing batch.
3. Letter of Appreciation/ Team award for performance and contribution towards successful delivery of product in Patni Computer Systems, Mumbai during 2005-2006.

Awards:

1. AICTE has Offered Carrer Award for Young Teachers (CAYT) for the Financial Year 2013-14 with grant of Rs 1,50,000/-
2. “Outstanding Faculty” for the Contribution and achievement in the field of Cross Lingual Information Retrieval by Centre for Advanced Research and Design, VIF, Chennai.
3. Certificate of Merit – FIRST BEST REVIEW , UGC-Academic Staff College

Sponsored Research:

Sl.No	Name / purpose of the project	Sanctioned form DST/UGC/AICTE	Total Sanctioned amount	Status of the project
1	Clustering in multivariate high dimensional data focus on Bio - Informatics as a solution to human genetic disorders	AICTE	Rs.1,50,000	Completed
2	Secured Audio-Video file Transmission using Wavelet based Cryptosteganography using DES Algorithm.	UGC	Rs.1,60,000	Completed
3	Development of Innovative Software Compatible to Outcome Based Education (OBE) Research	UGC	Rs.1,91,000	Completed

Consultancy:

Sl.No	Name / purpose of the project	Sanctioned form DST/UGC/AICTE	Total Sanctioned amount	Status of the project	Total amount spent	Total amount left over	Utilization Certificate (if any)
1	Examination Management Software	KSRM College of Engineering (Autonomous), Kadapa.	Rs.7,47,500	Completed			-----

2	Examination Management System	Audisankara College of Engineering & Technology (Autonomous) ,Gudur	Rs.2,00,000	Completed			-----
3	JNTUACEP Examination Management Software	JNTUA College of Engineering Pulivendula.	-----	Completed			-----

Patents:

S.no	Name of stream	Department	Obtained / filed	patent registered (National / International)	patent title	patent type (Product/ Process)	Patent Number	Patent Grant Year	Amount (Rs)	Whether (institutional /joint)
1		CSE	Filed		Machine Learning Based Intelligent Automatic Water Tank Cleaning Robot for Home	Process	202041053139			
2		CSE	Filed		An AI Enabled Framework for Efficient Fine-Grained Sentiment Analysis in Multilingual Context	Process	202141018456			

Industrial Experience

Total 3 years of Industrial Experience in PCS and EMC

1. 2.5 years .worked as Sr. Software Engineer, PCS, Mumbai.
2. 6+ months worked as Sr. Software Engineer, EMC, Bangalore.

Research Guidance:

- Ph.D. – Currently guiding 05 part-time scholars, and 01 full time , 4 completed
- M.Tech – Guided more than 40 projects, currently guiding 03 students.
- MCA - Guided more than 37 projects, currently guiding 03 students.
- B.Tech-Guided more than 39 projects, currently 02 batches

List of Journals:

2021

1. Dr.A.P.Sivakumar ,Design and implementation of novel secure user authentication system over internet of drones, International Journal of System of Systems Engineering, Vol. 11 & Issue-2, ISSN: 1748-0671, Jun-2021. Inderscience
- 2.Dr.A.P.Siva Kumar, An Adaptable Scheme to Enhance the Sentiment Classification of Telugu Language, Social Network Analysis and Mining, Vol. 11 & Issue-1, ISSN: 1869-5469, Jun-2021. Scopus
- 3.Dr. A.P.Siva Kumar, The Societal Communication of the Q&A Community on Topic Modeling, The Journal of Supercomputing, ISSN: 0920-8542, Jun-2021. SCIE
- 4.Dr.A.P.Siva Kumar, Universally domain adaptive algorithm for sentiment classification using transfer learning approach, International Journal of System Assurance Engineering and Management, Vol. 12 & Issue-3, ISSN: 0975-6809, May-2021. Scopus
5. Dr.A.P.Siva Kumar, Fault Detection and Isolation in Industrial Processes Based on RNN: Deep Learning Approach, International Journal of Grid and Distributed Computing, Vol. 14 & Issue-1, ISSN: 1869-9391, Apr-2021. ESCI
6. Dr.A.P.Siva Kumar, An Efficient Novel Approach for Societal Communication of Q&A Community System using Topic Modeling Techniques, Information Technology in Industry, Vol. 9 & Issue-1, 2021, ISSN (Print): 2204-0595 ISSN (Online): 2203-1731, Mar-2021. ESCI
7. Dr.A.P.Siva Kumar, Three factor authentication System with modified ECC based secured data transfer: untrusted cloud environment, Journal of Complex & Intelligent Systems,ISSN :2198-6053 Mar-2021.SCIE
8. Dr.A.P.Siva Kumar, Novel algorithm for efficient privacy preservation in data analytics, Indian Journal of Science and Technology, Vol. 14 & Issue-6, ISSN Print: 0974-6846 Electronic: 0974-5645, Feb-2021. Scopus
9. Dr.A.P.Siva Kumar, A Novel Approach for Extraction of Distinguishing Emotions for Semantic Granularity Level Sentiment Analysis in Multilingual Context, Recent Advances in Computer Science and Communications,ISSN: 2666-2558, Jan-2021. Scopus

2020

10. Dr. A.P. Siva Kumar, Privacy-Preserving Integrity Auditing for Data Sharing in Cloud Storage, GIS Science Journal, Vol. 7 & Issue-11, ISSN: 1869-9391, Dec-2020 UGC
11. Dr. A.P. Siva Kumar, Sandbox security model for Hadoop file system, Journal of Big Data, Vol. 7 & Issue-1, ISSN: 2196-1115 Dec-2020. ESCI
12. Dr. A.P. Siva Kumar, A secured cryptographic system based on DNA and a hybrid key generation approach, Journal of Biosystems, Vol. 197, ISSN: 0303-2647 Nov-2020. SCIE
13. Dr. A.P. Siva Kumar, An Efficient Data Transmission Approach using IAES-BE, Journal of Cluster Computing The Journal of Networks, Software Tools and Applications, Vol. 23 & Issue-3, ISSN: 1386-7857, Nov-2020. SCIE
14. Dr. A.P. Siva Kumar, Secure data transmission on a distributed cloud server with the help of HMCA and data encryption using optimized CP-ABE-ECC, Journal of Cluster Computing The Journal of Networks, Software Tools and Applications, Vol. 23 & Issue-3, ISSN: 1386-7857, Nov-2020. SCIE
15. Dr. A.P. Siva Kumar, Confidentiality Preserving and Data Portability for secure cloud computing using LLC-AP and SP-GA, International Journal of Advanced Trends in Computer Science and Engineering, Vol. 9 & Issue-5, ISSN: 2278-3091, Oct-2020. Scopus
16. Dr. A.P. Siva Kumar, An Improved Intelligent Approach to Enhance the Sentiment Classifier for Knowledge Discovery Using Machine Learning, International Journal of Sensors Wireless Communications and Control, Vol. 10 & Issue-4, ISSN: 2210-3279, Aug-2020. Scopus
17. Dr. A.P. Siva Kumar, An Adaptable Scheme to Enhance the Sentiment Classification of Telugu Language, International Journal of Computer Information Systems and Industrial Management Applications, Vol. 12, ISSN: 2150-7988, Aug-2020. Scopus
18. Dr. A.P. Siva Kumar, Efficient Task Scheduling and PoW Based Secure Deduplication Scheme for Distributed Cloud Server using W-CSO, International Journal of Advanced Research in Engineering and Technology (IJARET), Vol. 11 & Issue-7, ISSN: 0976-6480 July-2020. Scopus
19. Dr. A.P. Siva Kumar, Q&A: An Efficient Topic Modeling Paradigms on Hadoop Environment using Social Analysis, Journal of Advanced Research in Dynamical and Control Systems – JARDCS, Vol. 12 & Issue-6, ISSN: 1943-023X, Jun-2020. Scopus
20. Dr. A.P. Siva Kumar, Aspect Oriented Concept Drift Detection in High Dimensional Data Streams, International Journal of Advanced Trends in Computer Science and Engineering, Vol. 9 & Issue-2, ISSN: 2278-3091, Apr-2020. Scopus
21. Dr. A.P. Siva Kumar, A Comprehensive Retrospection of Literature Reported Works of Community Question Answering Systems, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 9 & Issue-3, ISSN: 2278-3075, Jan-2020. Scopus
22. Dr. A.P. Siva Kumar, A Modified Advanced Encryption Standard Algorithm, Journal of Mechanics of Continua and Mathematical Sciences, Issue-5, Pages. 333-341, ISSN: 0973-8975 Jan-2020. Scopus

2019

23. Dr. A.P. Siva Kumar, Multivariate Features based Detection of Concept Drift (MFDCD) from Data Streams, International Journal of Analytical and Experimental Modal Analysis, Vol. 11 & Issue-12, ISSN: 0886-9367, UGC Ref No: 36272, Dec-2019. UGC
24. Dr. A.P. Siva Kumar, Elliptic Curve Digital Signature Algorithm for the Third Party Auditing, International Journal of Engineering and Advanced Technology (IJEAT), Vol. 9 & Issue-2, ISSN: 2249-8958, Dec-2019. Scopus

25. Dr. A.P.SivaKumar, Efficient Multilevel Polarity Sentiment Classification Algorithm using Support Vector Machine and Fuzzy Logic, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.8 & Issue-12, ISSN: 2278-3075, Oct-2019.Scopus
- 26.Dr. A.P.Siva Kumar, Efficient Topic Level Opinion Mining and Sentiment Analysis Algorithm using Latent Dirichlet Allocation Model, International Journal of Advanced Trends in Computer Science and Engineering, Vol.8 & Issue-5, ISSN: 2278-3091, Sep-2019. Scopus
- 27.Dr. A.P.Siva Kumar, A Secure Approach for Data Transmission in computer networks using Modified Advanced Encryption Standard Algorithm, Journal of mechanics of continua and mathematical science, Issue-3, ISSN: 2454-7190, Sep-2019.Scopus
28. Dr. A.P.Siva Kumar, Detecting Fraud Apps using Novel Graph based Approach, The International Journal of Analytical and Experimental Model Analysis, Vol.11 & Issue-8, ISSN: 0886-9367, UGC Ref No: 36272, Aug-2019.UGC
29. Dr. A.P.Siva Kumar, Design and Implementation of High Security Cryptography for Network Applications by Using Bit Transition Encoder and Decoder, International Journal of Engineering &Advanced Technology (IJEAT), Vol.8 & Issue-6, ISSN: 2249-8958, Aug-2019. Scopus
- 30.Dr. A.P.Siva Kumar, Improving rating predictions using fake prediction model, Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 6 & Issue-4, ISSN: 2349-5162, UGC Ref No: 63975, Apr-2019.
UGC

31. Dr. A.P.Siva Kumar, Analysis, Implementation and Comparison of Machine Learning Algorithms on Breast Cancer Dataset using WEKA Tool, International Journal of Recent Technology and Engineering (IJRTE), Vol.7 & Issue-6S, ISSN: 2277-3878, Mar-2019. Scopus
- 32.Dr. A.P.Siva Kumar, Entropy Based Correlation in Mining Road Network for Traffic Estimation, Journal of Emerging Technologies and Innovative Research (JETIR), Vol.6 & Issue-2, ISSN: 2349-5162, UGC Ref No: 63975, Feb-2019. UGC
- 33.Dr. A.P.Siva Kumar, MRF: Multivariate Data Clustering using Heuristic Data Intensive Computing and Relevance Feedback Learning Approach, International Journal of Engineering and Advanced Technology (IJEAT), Vol.8 & Issue-3S, ISSN: 2249-8958, Feb-2019. Scopus
34. Dr. A.P.Siva Kumar, Security Vulnerabilities in Hadoop Framework, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.8 & Issue-4, ISSN: 2278-3075, Feb-2019.Scopus

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- 35.Dr. A.P.Siva Kumar, Texture Classification based on First Order Circular and Elliptical Ternary Direction Pattern Matrix. International Journal of Engineering and Advanced Technology (IJET), Vol.7 & Issue-3, ISSN: 2249-8958, Sep-2018.Scopus
- 36.Dr. A.P.Siva Kumar, Data Mining Models of High Dimensional Data Streams, and Contemporary Concept Drift Detection Methods: a Comprehensive Review, International Journal of Engineering & Technology (IJET), Vol.7 & Issue-3, ISSN: 0975-4024, Aug-2018. Scopus
37. HCDDSM: Dr. A.P.Siva Kumar, Handling Concept Drift by Distribution Similarity Measures in High Dimensional Data Streams, Journal of Advanced Research in Dynamical & Control Systems (JRDCS), Vol.10 & Issue-02, ISSN: 1943-023X, Aug-2018. Scopus
- 38.Dr. A.P.Siva Kumar, An Online Social Network Based Q&A System with Large User Base, Journal of Emerging Technologies and Innovative Research Vol.5 & Issue-7, (*Appendix-III- P.No:210-214*), ISSN: 2349-5162 UGC Ref No: 63975, Jul-2018.UGC

39.Dr. A.P.Siva Kumar, Healthcare Prediction Analysis in Big Data using Random Forest Classifier, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Vol.3 & Issue-5, ISSN: 2456-3307 UGC Ref No: 64718, May-2018.UGC

40.Dr. A.P.Siva Kumar, Privacy Preservation Techniques in Big Data Analytics: A Survey, Journal of Big Data, Vol.5 & Issue-1, ISSN: 2196-1115, May-2018.ESCI

41. Dr. A.P.Siva Kumar, A Survey on Security issues in Internet of Things, International Journal of Pure and Applied Mathematics (ijpam.eu), Vol.118 & Issue-16, ISSN: 1311-8080, Jan-2018. Scopus

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42. Dr. A.P.Siva Kumar, Classification of Textures Using a New Descriptor Circular and Elliptical-LBP (CE-ELBP). International Journal of Applied Engineering Research (IJAER), Vol.12 & Issue-19, ISSN: 0973-4562, Nov-2017. Scopus

43. Dr. A.P.Siva Kumar, Review on Security Issues in the Application Level of Cloud Computing, Journal of Advanced Research in Dynamical and Control Systems (JARDCS), Vol.9, ISSN: 1943023X, Sep-2017.

Scopus

44. Dr. A.P.Siva Kumar, Cross Diagonal Circular and Elliptical Texture Matrix for Efficient Texture Classification, Journal of Advanced Research in Dynamical and Control Systems (JARDCS), Vol.10 & Issue-4, ISSN: 1943-023X, Aug-2017. Scopus

45.Dr. A.P.Siva Kumar, An Efficient Service Rating Forecasting by Exploring Social Mobile Users Geographical Locations, International Journal of Innovative Research in Science, Engineering and Technology Vol.6 & Issue-8 (*Appendix-III - P.No:16029-16033*), ISSN: 2319- 8753, Aug-2017. UGC

46.Dr. A.P.Siva Kumar, Improving the visual and Statistical Analysis Efficiency of Brain network using R, International Journal of Scientific Research in Computer Science Vol.2 & Issue-4 (*Appendix-III - P.No:604-607*),ISSN: 2456-3307 UGC Ref No: 64718, Aug-2017. UGC

47. Dr. A.P.Siva Kumar, Privacy Preservation In Big Data, International Journal of Computer Sciences and Engineering, Vol.5 & Issue-8, (*Appendix-III - P.No:151-154*) 30, ISSN: 2347-2693 UGC Ref No: 46598, Aug-2017. UGC

48.Dr. A.P.Siva Kumar, An Effective Patient Treatment Plan Recommendation with Predicted Treatment Time Using Hadoop, International Journal of Computer Sciences and Engineering, Vol.5 & Issue-8 (*Appendix-III - P.No:174-178*) ISSN: 2347-2693 UGC Ref No: 46598, Aug-2017.UGC

49. Dr. A.P.Siva Kumar, Improved Clustering Algorithm To Validate The Risk of Customer Churn, International Journal of Innovative Research in Science, Engineering and Technology, Vol.6 & Issue-8 (*Appendix-III - P.No:15993-15998*), ISSN: 2319-8753, Aug-2017.UGC

2016

50. Dr. A.P.Siva Kumar ,Bio – Informatics as a Solution to Human Genetic Disorders System, International Journal of Advanced Research in computer Science and Software Engineering (Vol.6, No.10) (*Appendix-III - P.No:27*) ISSN 2277128X October, 2016

51.Dr. A.P.Siva Kumar ,Supervised Distance-Based Outlier Detection, International Journal of Advanced Research in computer Science and Software Engineering (Volume.6, No.10) (*Appendix-III - P.No:26*) ISSN 2277128X October, 2016

- 52.Dr. A.P.Siva Kumar ,Effective Summarization Of Tweets Using Tweet Segmentation North Asian ,International Research Journal Of Science, Engineering and Information Technology (Volume 2, No. 10) (*Appendix-III - P.No:25*) ISSN 24547514 October, 2016
- 53.Dr. A.P.Siva Kumar ,Incremental Semi-Supervised Clustering Method Using Neighbourhood Assignment
International Journal of Computer Science, Engineering and Applications(Volume.6, No.2)(*Appendix-III - P.No:23*)ISSN 22309616 April, 2016
- 54.Dr. A.P.Siva Kumar ,Suggesting Precautions by finding causes with dataset analysis on heart disease
International Journal of Advanced Research in computer Science and Software Engineering (Volume.6, No.(*Appendix-III - P.No:24*) ISSN 2277128X July, 2016

2015

- 55.Dr. A.P.Siva Kumar ,Thwarting Concealed Information by Sequential Clustering, International Journal of Advanced Research in Data Mining and Cloud Computing (Vol.3 Issue 8) (*Appendix-III - P.No:21*) ISSN 23218754 August, 2015
- 56.Dr. A.P.Siva Kumar ,Improving Privacy Protection for Location Based Services, International Journal of Computer Science and Mobile Computing (Vol.4, Issue.8) (*Appendix-III - P.No:22*) ISSN 2320088X August, 2015
- 57.Dr. A.P.Siva Kumar ,A Link-Based Cluster Ensemble Approach for Improved Gene Expression Data Analysis, INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH (Volume 2 Issue 12) (*Appendix-III - P.No:15*) ISSN 22778616 January, 2015
- 58.Dr. A.P.Siva Kumar ,Confidential and Leaked Query Resistant RASP Data Perturbation for Secured Querying on Cloud Data, International Journal of Advanced Research in Data Mining and Cloud Computing (Vol. 3 Issue 7) (*Appendix-III - P.No:16*) ISSN 23218754 July, 2015
59. Dr. A.P.Siva Kumar ,Implementing the TOF Transformations for Workflows in the Multiple Cloud Environments, International Journal of Computer Science & Engineering Technology (Vol.5 Issue 8) (*Appendix-III - P.No:17*) ISSN 22310711 August, 2015
- 60.Dr. A.P.Siva Kumar ,Handling Highly Frequent Network Updates For K Nearest Neighbour Query On Road Networks, International Journal of Computer Science &Engineering Technology (Vol. 6, No. 8) (*Appendix-III - P.No:18*) ISSN 22293345 August, 2015
- 61.Dr. A.P.Siva Kumar ,Social Based Q&A System in Cloud Environment,International Journal of Advanced Research in Computer Science & Technology (IJARCST) (Vol.3, Issue.3) (*Appendix-III - P.No:19*) ISSN 23478446 July-September , 2015
- 62.Dr. A.P.Siva Kumar ,International Research Journal Of Engineering And Technology (IRJET)(Volume 2, Issue 5) (*Appendix-III - P.No:20*) ISSN 23950072 August, 2015
- 63.Dr. A.P.Siva Kumar ,Thwarting Concealed Information by Sequential Clustering, International Journal of Advanced Research in Data Mining and Cloud Computing (Vol.3 Issue 8) (*Appendix-III - P.No:21*) ISSN 23218754 August, 2015

64. Dr. A.P.Siva Kumar ,Improving Privacy Protection for Location Based Services, International Journal of Computer Science and Mobile Computing (Vol.4, Issue.8) (*Appendix-III - P.No:22*) ISSN 2320088X August, 2015

65. Dr. A.P.Siva Kumar ,A Link-Based Cluster Ensemble Approach for Improved Gene Expression Data Analysis, INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH (Volume 2 Issue 12) (*Appendix-III - P.No:15*) ISSN 22778616 January, 2015

2013

66. Dr. A.P.Siva Kumar ,MVS Clustering of Sparse and High Dimensional Data,International Journal of Application or Innovation in Engineering & Management (Volume 2, Issue 10) (*Appendix-III - P.No:14*) ISSN 23194847 October, 2013

2012

67. Dr. A.P.Siva Kumar ,Concept Frequency: A Feature Set Based Text Compression Model,International Journal of Advanced Research in Computer Science and Software Engineering (Volume 2, Issue 7) (*Appendix-III - P.No:12*)ISSN 2277128X July, 2012

68. Dr. A.P.Siva Kumar ,An Efficient Approach for Web document summarization by Sentence Ranking,International Journal of Advanced Research in Computer Science and Software Engineering (Volume 2, Issue 7) (*Appendix-III - P.No:13*)ISSN 2277128X July, 2012

2011

69. Dr. A.P.Siva Kumar ,Implementation of Enhanced Parts-of-Speech Based Rules for English to Telugu Machine Translation,International Journal of Computational Linguistics (Volume 2, Issue 1)(*Appendix-III - P.No:10*) ISSN 21801266 June, 2011

70. Dr. A.P.Siva Kumar ,Query-Based Summarizer Based on Similarity of Sentences and Word Frequency, International Journal of Data Mining & Knowledge Management Process(Volume1,No. 3) (*Appendix-III - P.No:11*)ISSN 2231007X May, 2011

71. Dr. A.P.Siva Kumar ,Morphological Cross Reference Method for English to Telugu Translation,International Journal of Artificial Intelligence & Applications (Volume 2, Number 4) (*Appendix-III - P.No:08*) ISSN 0975900X October ,2011

72. Dr. A.P.Siva Kumar, Extending Racer with Synchronized Mechanism, International Journal of Computer Science and Informatics (IJCSI) (Volume-1, Issue-3)(*Appendix-III - P.No:09*)

Conferences:

2021

1. Dr. A.P.SivaKumar ,An Extensible Frameworkfor Sentiment Analysis based on Opinion Disambiguation, 5th International Conference on Computing Methodologies and Communication (ICCMC), Apr-2021.,IEEE.

2. Dr.A.P.SivaKumar,Block Chain-based access control and intrusion detection system in IoD, 6th International Conference on Communication and Electronics Systems (ICCES 2021), IEEE, July-2021,IEEE.

3. Dr. A.P.Siva Kumar ,Human Anomaly Detection in Surveillance Videos: A Review, 5th International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2020), Dec-2021.,Springer.

2020

4. Dr. A.P.Siva Kumar ,Security Features in Hadoop – A Survey, 8thInternational Conference on Innovations in Computer Science & Engineering (ICICSE-2020), Aug-2020.,Springer.

5. Dr.A.P.SivaKumar,Adaptive regularized parameter selection based on random projection, 1st International Conference on Advances in Information, Computing and Trends in Data Engineering (ICAICDE-2020), Dec-2020.,ScienceDirect.

6. Dr.A.P.SivaKumar,Dropout technique for image classification based on extreme learning machine, 1st International Conference on Advances in Information, Computing and Trends in Data Engineering (ICAICDE-2020), Dec-2020.,ScienceDirect.

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7.Dr. A.P.Siva Kumar ,Topic Model Based Opinion Mining and Sentiment Analysis, International Conference on Computer Communication and Informatics (ICCCI -2018), Jan-2018,Springer.

8.Dr. A.P.Siva Kumar ,Aspect Oriented Concept-Drift Detection in Data Streams - International Conference on Computational Intelligence and Informatics, Feb-2018.,Springer.

9.Dr. A.P.Siva Kumar ,A Review on Security Issues & Challenges in Wireless Sensor Networks, National Conference on Emerging Trends in Information and Communication Technology (NCET- ICT 2018) Mar-2018.,NCET - ICT 2018 Proceedings.

10.Dr. A.P.Siva Kumar ,An Enhanced Unsupervised Learning Approach for Sentiment Analysis Using Extraction of Tri-Co-Occurrence Words Phrases, International Conference on Computational Intelligence and Informatics, Advances in Intelligent Systems and Computing, May-2018.,Springer.

11.Dr. A.P.Siva Kumar ,MRF: Multivariate Data Clustering using Heuristic Data Intensive Computing and Relevance Feedback Learning approach, International Conference on Research Advancements in Applied Engineering Sciences, Computer and Communication Technologies, July-2018.,IFERP.

2017

12. Dr. A.P.Siva Kumar ,A Case study on Privacy Threats and Research Challenges in Privacy Preserving Data Analytics, International Conference on Electronics, Communication and Aerospace Technology (ICECA 2107), Apr-2017. , IEEE.

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13. Dr. A.P.Siva Kumar ,Secured Data Transmission Using Wavelet Based Steganography and Cryptography by Using AES Algorithm. International Conference on Computational Modeling and Security (CMS 2016) ISSN : 1877-0509, Feb-2016.,Science Direct.

14. Dr. A.P.Siva Kumar ,Methods of Developing Soft skills(*Appendix-III - P.No:56*),UGC-APSCHE National Seminar on Soft skills Development Courses to empower Higher Education, National, Govt.Degree College Uravakonda,5, October 2016

15. Dr. A.P.Siva Kumar ,Secured Data Transmission Using Wavelet Based Steganography and Cryptography by Using AES Algorithm,(*Appendix-III - P.No:55*),International Conference on Computational Modeling and Security,International Elsevier-1877-0509,CMS 2016, Hyderabad,5, 2016.

2014

16. Dr. A.P.Siva Kumar ,CApiori: Conviction based Apriori algorithm for discovering frequent determinant patterns from high dimensional datasets(*Appendix-III - P.No:54*) ,International Conference on Science, Engineering and Management Research,International IEEE-32331,ICSEMR 2014, Chennai,5 , 2014.

17. Dr. A.P.Siva Kumar ,Opinion Mining And Sentiment Analysis for Social Media Using Fuzzy Logic(*Appendix-III - P.No:53*),Third International Conference on Communications, Signal Processing, Computing and Information Tech.,International,ICCSPCIT-2014, Hyderabad,5, 2014.

18. Dr. A.P.Siva Kumar ,Ranking based Item Selection approach from online products(*Appendix-III - P.No:52*),International Conference on Innovations in Computer Science& Engineering ICICSE-8th-9th August 2014,International,International Conference on Innovations in Computer Science& Engineering,5, August 2014

2011

19. Dr. A.P.Siva Kumar , Extending Racer with Synchronized Mechanism,(*Appendix-III - P.No:50*),International Conference on Computer Science and Information Technology CSIT-24th - 25th,International,CSIT,5, July 2011.

20. Dr. A.P.Siva Kumar ,Application of Latent Semantic Indexing for Hindi-English CLIR Irrespective of Context Similarity, pp711-720,(*Appendix-III - P.No:51*) ,Third International Conference on Web & Semantic Technology (West-2011), published by Springer pp711-720, Chennai, India, 2011 (LNCS) in Communications in Computer and Information Science (CCIS) Series,International,Springer-Communications in Computer and Information Science, August, 2011.

Workshops Organized:

S.No	Workshops	Place	Duration
1	Benefits of Engaging with International Organizations (IEEE)	JNTUACEA	1 Day
2	TEQIP III sponsored Three day online workshop on Cyber Security (16-18 Sept 2020)	Online	3 Days

3	TEQIP-3 Sponsored webinar on “Software Reliability and Safety” (20 Nov 2020)	Online	1 Day
4	TEQIP-III Sponsored Three day workshop on “Cyber security & Ethical hacking” during 16-18 Nov 2020	Online	3 Days

Workshops Attended:

S.No	Workshops	Place	Duration
1	One day workshop on “2st Century Teaching Strategies” by JNTUACEA during 16 Sept 2017	JNTUACEA	1 Day
2	One day workshop on “Benefits of Engaging with International Organizations(IEEE)” in collaboration with IEEE USA/INDIA Council IEEE Hyderabad Section during 04th August 2018	Department of EEE, JNTUACEA	1 Day
3	One day workshop on “Design and Development of MOOCs through SWAYAM” 18th ,21st to 23rd January 2019	TEQIP- III and in collaboration with E&ICT, Department of EEE,JNTUACEA	1 Day
4	Four day workshop on “Awareness Career Growth Prospects for Reliability Engineering Professionals with Industry Collaborations” 21st June 2019	TEQIP- III, Department of EEE, JNTUACEA	4 Days
5	Three day National workshop on “Pedagogical Skills for Faculty in Outcome based education” 6th to 8th December 2019	JNTUA College of Engineering, Anthapuramu	3 Days
6	Two day Workshop on “Development of MOOCs and Production Techniques” 17th to 18th January 2020	JNTUA College of Engineering, Anthapuramu	2 Days
7	Five-day International workshop on Emerging Trends Organized by Dept of CSE, held from 22-26 July 2020	BIT Institute of technology. Hindupur	5 Days

Training Programs/FDPs Attended:

S.No	Training Programs/FDPs	Place	Duration
1	One day Faculty Development Program on “New Paradigm in Software Engineering” by Accenture in India during 12 Jan 2017	PES University, Bengaluru	1 Day
2	Three Days Faculty Development Program on “Big Data Analytics” by TATA Consultancy Services at JNTUACEA during 20 Feb 2017 to 22 Feb 2017	TATA Consultancy Services at JNTUACEA	3 Days
3	One Day Training Programme on “TEQIP- III MS” organized by National Project Implementation Unit (NPIU), Delhi. during 26th June 2018	Veera Mata Jijabai Technological Institute, Mumbai	1 Day
4	Two Day Training Programme on	Dr. Ambedkar Institute of	2 Days

	“TEQIP- III” organized by National Project Implementation Unit (NPIU), Delhi and Dr. AIT, Bengaluru during 30th to 31st July 2018	Technology, Bangalore	
5	One week Faculty Development Programme on “Soft Skills Personality Development ” Conducted by JNTUA College of Engineering, Anthapuramu during 10th to 14th December 2018	JNTUA College of Engineering, Anthapuramu	5 Days
6	One Week Faculty Development Programme on “Leadership Skills ” Conducted by JNTUA College of Engineering, Anthapuramu during 19th to 24th August 2019	JNTUA College of Engineering	6 Days
7	One Week residential training Programme on “Project Management & Financial Management” organized by National Productivity Council and implemented by Economic Services Group, Port Blair, A & N during 04th to 8th November 2019	National Productivity Council and implemented by Economic Services Group, Port Blair, A & N	5 Days
8	One Week Faculty Development Program on "Recent Trends in Information Technology". Organized by Dept of information Technology, Kalasalingam Academy of Research and Education. 18-24 may 2020	Dept. of information Technology, Kalasalingam Academy of Research and Education	7 Days
9	Five-Day Online Faculty Development Programme on "Advances in Artificial Intelligence, Machine Learning and Robotics" held from 6-10 July 2020 organized by dept of ECE, VVCE, Mysore	Dept of ECE, VVCE, Mysuru	5 Days
10	National Level One week FDP on Research areas in Artificial Intelligence & Machine Learning with case studies organized by dept of CSE. 14-20 June 2021	Department of CSE in Association with Gokaraju Rangaraju Institute of engineering and technology	1 week

Seminars/invited lectures:

1. A Guest Lecture at Sharada Post Graduate Institute of Research and Technology on “Communication Sills” on 29th June 2016.
2. A Guest Lecture on "**Change - A Perspective in Career**" organized by the Department of MCA, PVP Siddhartha Institute of Technology, Vijayawada held on 4th April, 2016.
3. Talk at SRI MITTAPALLI COLLEGE OF ENGINEERING,GUNTUR on 17th March, 2016 during their Students' Association meet conducted by Dept . of CSE.
4. Lecture on BIG DATA at SanthiramEngg College ,Nandyal,KurnoolDist on 15th March ,2016.

5. Delivered Expert lecture on “**Data Mining Practices**” in Aditya College of Engineering, madanapalle on 31st October 2015.
6. Guest Lecture at Annamacharya Institute of Technology & Sciences, Tirupathi on 24th February 2015.
7. Talk at Audishankara College of Engineering & Technology (Autonomous),Gudur, Nellore Dist on 24th January 2015
8. Talk at Intell Engg College Anantapur on 10-Jan-15.
9. Guest Talk on How to Dress for Success - Event Organized by Anantha Lakshmi Institute of Technology Sciences , Ananthapuramu for benefit of Final Year Students on 23-March-2014.
10. Delivered a lecture to I year B tech and MBA students in BIT institute of technology ,Anantapur on 29-11-2014.
11. Acted as Resource person for NSS Program Officers training programme on 17th Mar 2014 by JNTUA in collaboration with NSS State Training Centre.
12. Invited talk on Motivational and Inspiring to the students of MCA I year JNTUACEA on 14-Mar-2014.
13. Acted as Special Observer to Madina Engineering College to conduct the examination on 21-04-2012.
14. Invited talk on Motivational and Inspiring to the students of B.TECH III Year Chemical Enggstudent’s of JNTUACEA Jan 2014.
15. A Guest Lecture on "**Accomplishing Your Goals** " organized by P.V.K.K Institute of Technology ,Anathapur on 5th Nov, 2014.
16. Attended The department of CSE inaugurated the CSI student chapter for the academic year 2013-14 at G.PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY,Kurnool on 9th August 2014.
17. A Guest Lecture on "**Career Planning**" organized by S V College of Engineering ,Tirupati on 21th Jun, 2014.
18. Acted as Resource person in short term faculty training programme on C and Data Structures by JNTUA in collaboration with APSCHE, Hyderabad, for the faculty of affiliated colleges under JNTUA, Anantapur.

19. Invited talk on Motivational and Inspiring to the students of MCA of Audisankara College of Engineering, Gudur.
20. Invited Speaker on topic “**How to Communicate Effectively**” organized by Department of Masters in Business Administration, Jawaharlal Nehru Technological University, Anantapur, Andhra Pradesh, December 2011.
21. Invited Speaker on topic “**How to Communicate Effectively**” organized by Placement Cell, Narasaraopet Engineering College, Narasaraopet, Guntur, Andhra Pradesh, September 2011.
22. Guest Lecture on “**Search Engines**” organized by Department of Computer Science and Engineering, Narasaraopet Engineering College, Narasaraopet, Guntur, Andhra Pradesh, September 2011.
23. Invited Resource Person at National Conference on Cross Lingual Systems organized by the Department of Computer Science & Engineering, KandulaSreenivasa Reddy Memorial College of Engineering, Kadapa, Andhra Pradesh, July 2011.
24. Invited Speaker on topic “How to Communicate Effectively” organized by Department of Masters in Business Administration, Jawaharlal Nehru Technological University, Anantapur, Andhra Pradesh, March 2010.

Books Published:

1. Dr. A.P Siva kumar ,Associate Professor, Department of CSE, JNTUACEA, Authored a book titled “Speech Recognition on Deep Learning “Year -2021. Publisher: Lambert Academic Publishing
2. Dr. A.P Siva kumar, Associate Professor, Department of CSE, JNTUACEA, Authored a book titled “Fault Detection and Isolation in Industrial Processes Based on RNN” Year -2021. Publisher: Lamber Academic Publishing.
3. Dr. A.P Siva kumar, Associate Professor, Department of CSE, JNTUACEA, Authored a book titled “Dropout Technique for Image Classification” Year -2021. Publisher: Lamber Academic Publishing.
4. Dr. A.P Siva kumar, Associate Professor, Department of CSE, JNTUACEA, Authored a book titled “Data Structures” Year -2021. Publisher: Sun Techno Publications.

5. Dr. A.P Siva kumar, Associate Professor, Department of CSE, JNTUACEA, Authored a book titled “Feature Based Opinion Mining and Sentiment Analysis Using Fuzzy Logic” Year -2018. Publisher: Springer Nature Singapore.
6. Dr. A.P Siva kumar, Associate Professor, Department of CSE, JNTUACEA, Authored a book titled “Human Anomaly Detection in Surveillance Videos: A Review” Year -2021. Publisher: Springer Nature Singapore

Academic Contributions:

1. Acted as judge for short films in the three day National Level Technical Symposium “**PIXEL 2K16**” organized by the Department of Computer Science & Engineering, Jawaharlal Nehru Technological University Anantapur College of Engineering, Anantapur, Andhra Pradesh during MAR19-21st 2016.
2. Acted as Member for Internal Purchase Committee Issued by the JNTUA and JNTUA College of Engineering.
3. Acted as the Member of the Governing Body to various colleges like Prabhath institute of computer sciences parnapalli ,DamisettyBala Suresh institute of technology,etc.
4. Acted as External Examiner for Doctoral Thesis Oral Presentation in Department of Computer Science and Engineering ,Bangalore University,Bengaluru on 17-12-2015.
5. Acted as Subject Expert for preparing Question Papers for various subjects of Computer Science and Engineering assigned by various Universities and Autonomous colleges.
6. Act as External Examiner for Doctoral Thesis Oral Presentation in Department of Computer Science and Engineering ,Sri Satya Sai Institute of Higher Learning, Prasanthinilayam on 21-02-2014.
7. Currently guiding four Ph.D. research scholars under Jawaharlal Nehru Technological University, Hyderabad.
8. University Nominee for Board of Studies Meeting for AITS , Rajampet (AUTONOMOUS) for Dept. of IT.
9. Acted as Member of the ‘**Question Paper Scrutiny Board (QPSB)**’ for end examinations M. Tech. Sri Sathya Sai Institute of Higher Learning, Vidhyag, Prasanthi Nilayam.

10. Advisory Committee for National conference on Networking and Communication to be held on 15th -16th March ,2013, Department of Physics, Sri Sathya Sai Institute of Higher Learning (Deemed University), Prasanthi Nilayam, Puttaparthi – 515 134.
11. Advisory Committee for National conference Networking and Information Technology held on 12th and 13th October 2012 ,Department of Information Technology , Annamacharya Institute of Technology and Sciences(Autonomous) ,Rajampet.
12. Acted as the chief guest for technical paper presentation of CSE/IT/MCA on 24th of September 2011 in PBR Viswodaya institute of technology and science, Kavali .
13. Reviewer of papers for AIRCC journals.
14. Acting as Coordinator for Student Level National Conference titled “**PIXEL 12**” organized by the Department of Computer Science & Engineering, **Jawaharlal Nehru Technological University Anantapur College of Engineering**, Anantapur, Andhra Pradesh during DEC 28-29th 2012
15. Acted as Coordinator for Student Level National Conference titled “**SARVAGYNA-08 & 09**” organized by the Department of Computer Science & Engineering, **Jawaharlal Nehru Technological University Anantapur College of Engineering**, Pulivendula, Andhra Pradesh in year 2007 and 2009.

Professional membership

1. ASSOCIATE MEMBER The Institute of Engineers India(IEI)
2. Member of Computer Science Teachers Association (CSTA) (No.5029201)
3. Senior Member of International Association of Computer Science And Information Technology (ACSIT)(No.80349331)
4. Senior Member (UACEE) Institute of Research Engineers and Doctors (Membership No.SNM101000619)
5. Life Member of the Indian Society for Technical Education (ISTE) (Membership No. LM 99375)

Declaration

I Dr. A. P. Siva Kumar hereby declare that all the particulars furnished above are true to the best of my knowledge

