

BIO-DATA



Dr. S. VASUNDRA

Professor of CSE Dept,

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Date of Birth: 30 /01/1976.

Academic Qualifications:

Course	Name of the Institution studied	Name of the University	Year of graduation	% of marks obtained
SSC	St.Philomena's high school, Bellary	Karnataka secondary education examination board	1992	79.16
Intermediate/Diploma	Wadlaw compu pre-university college, Bellary	Government of Karnataka education department	1994	70.83
B. Tech/B.E.	Vijayanagara Engineering college, Bellary	Gulbarga university	1998	76.2
M. Tech/M.E	JNTUACEA	JNTU, A.P	2004	80.5
Ph.D.	JNTUA	JNTUA	2013	----

Experience:

Name of the employer/ organization	Your designation	Duration of employment		Nature of duties
		From	To	
JNTUACEA	Professor	22.02.2013	Till date	Teaching, research work
JNTUACEA	Associate professor	07.11.2006	21.02.2013	Teaching, research work,
JNTUACEA	Assistant Professor	28.10.1999	06.11.2006	Teaching, research work.

Teaching Experience: More than 23 years of teaching experience.

Administrative Services:

- Presently working as Director, Industrial Relations & Placements JNTUA UNIVERSITY Ananthapuramu.
- Served as NSS Coordinator JNTUA UNIVERSITY Ananthapuramu from Jan 9th 2019 to May 2nd 2021.
- Worked as Head of Computer Science & Engineering Department from 2015-2019.
- Served as Additional Controller of Examination, JNTUA for two years 2011-2013.
- Served as Library Coordinator, JNTUACEA for two years.
- Served as Placement Officer, JNTUACEA for one year.
- Served as Deputy Warden for Shilpa Hostel, JNTUACEA.

Professional Services:

- Serving as Member for Research Review Meetings and Pre-Submission (Ph.D) Open seminars.
- Served as UG Chairman, Board of Studies (CSE), JNTUACEA.
- Served as UG Chairman, Board of Studies (IT), JNTUA.
- Serving as UG Board of Studies (CS&T) Member, SKU, and Anantapuramu.
- Serving as UG Board of Studies (CSE) Member, SVEC (Karkambadi) Tirupathi.

- Serving as UG Board of Studies (CSSE, CSBC) Member, Sree Vidyanikethan Engineering College, Tirupati.
- Serving as Academic council member for KSRM Engineering College Kadapa.
- Serving as Academic council member for SVCET Chittoor.
- Invited as Keynote speaker for more than 10 events in various Engineering Colleges.
- served as governing body member for Siddhartha institute of science & technology Chittoor dist since 2017.
- Presently serving as governing body member for sree Venkateswara College of engineering, Nellore dist since 2017.
- Acted as Judge for more than 15 Technical Students Symposiums in various Engineering Colleges.
- Improved Infrastructure facilities like Campus Wide Network, Central Computer Centre and laboratories of CSE Department at JNTUA College of Engineering, Anantapuramu.
- Involved in framing the curriculum for UG (B. Tech (CSE)) and PG (M.Tech& M.C.A) of JNT University Anantapuramu as a member of Board of Studies.
- Acted as the chairman and convener for various national level student technical symposiums and workshops, being organized by the Department of Computer Science & Engineering of JNTUA College of Engineering, Anantapuramu.
- Acted as session chair for various national Level Student Symposiums being organized by various Engineering Colleges

Research Interests:

Mobile Ad hoc Networks, Computer Networks, and Big Data, data warehousing and data mining, cloud computing, Security, Databases.

Research Guidance:

- Ph. D. – Currently guiding 08 part-time scholars, and 01 full time (supernumerary), 01part-time (industrial).

- M. Tech – Guided more than 72 projects, currently guiding 04 scholars.
- MCA - Guided more than 67 projects, currently guiding 03 scholars.
- B.Tech-Guided more than 84 projects, currently 02 batches.

Books published:

1. Dr. S. Vasundra Professor, Department of CSE, JNTUACEA, Authored a book titled “Introduction to Internet & Web Technology” Year -2018. Publisher: book-rixs.
2. Dr. S.Vasundra Professor, Department of CSE, JNTUACEA, Authored a book titled “Problem Solving & Programming in 'C'” - JNTUA Dr. S. Vasundra, Dr. N. Sudhakar Reddy, Dr. V. Venkata Ramana [Jan 01, 2019]
3. Dr. S.Vasundra Professor, Department of CSE, JNTUACEA, Authored a book titled “Data Structures” (JNTUA) Dr. S. Vasundra, Dr. N. Sudhakar Reddy, Dr. D. Venkatesh, Dr. Y. Subba Reddy [Jan 01, 2020]

Patents :

S.no	Department	patent registered (National / International)	Patent Title	Field of Invention	Application Number	Patent Grant Year
1	CSE	National	A-Security: Advanced Security System Using Beagle Bone And Rfid Kit	Communication	201811034648	13/12/2019
2	CSE	National	Aws-Device: Advanced Woman Safety Device Using Microprocessor And Deep Learning Programming	ELECTRONICS	202041001470	13/01/2020

Visits to Foreign Countries:

- Paper presentation at Singapore –17th International Conference on Information and Computer Networks (ICICN 2015), “IACOP – Route Optimization in Wireless Networks using Improved Ant Colony Optimization Protocol” WASET, January 07-08, 2016.

Professional Membership:

- 1) MISTE
- 2) MIE
- 3) MCSI
- 4) IAENG
- 5) LIFE MEMBER OF REDCROSS SOCIETY

Awards:

- Received **Appreciation Certificate** for Remarkable NSS Activities organized under JNTUA on the occasion of **Republic Day** from District Collector Shri.Gandham Chandrudu on 26/01/2021.
- Received **Participation certificate as MC Lead** from **WORLD BOOK OF RECORDS UNITED KINGDOM** for participating in Live Webinar for 24 Hours Organized by Lead India Foundation, USA 15/10/2020 – 16/10/2020.
- Received **DISTINGUISHED WOMEN ADMINISTRATOR** Award for outstanding Contributions, significant achievements and sustained excellence in the field of engineering on March 5th 2016.Given by **VENUS International Women Awards (VIWA-2016) Organization, Chennai.**
- Received **BHARAT JYOTHI AWARD** by International Friendship Society (IIFS), for whose stated aim is to strengthen the ties between India and its expatriate community in hopes of using the resources and potential of these expatriates to benefit India. New Delhi, India on 26th May 2017.
- On the Occasion of World Red Cross Day, NSS Coordinator JNTUA Prof. S.Vasundra Received “**Best Service Award**” from District Joint Collector Anantapur on 08/05/2019.
- As NSS Program Coordinator of JNTUA University (113 NSS units), under my coordinatorship, JNTUA University NSS CELL bagged **Three State Level NSS Awards**

for the year 2019.(Two NSS Program Officers and One NSS Volunteer received the above award).

- As NSS Program Coordinator of JNTUA University (113 NSS units), under my coordinatorship JNTUA University NSS CELL bagged **Two National Level NSS Awards** for the year 2018-2019.(One NSS Program Officer and One NSS Volunteer received the above award from President of India).
- As NSS Program Coordinator of JNTUA University (113 NSS units), under my coordinatorship, JNTUA University NSS CELL bagged **Two State Level NSS Awards** for the year 2019-2020.(One NSS Program Officer and One NSS Volunteer received the above award).

Number of Research publications:

- International Journals : 74
- International Conferences: 25
- National conferences: 03
- Workshops organized and attended: 31
- Fdp/ Training programme: 49

Papers published:

International Journals:

2021

1. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper “Prediction of software fault-prone classes using ensemble random forest with adaptive synthetic sampling algorithm” in Automated Software Engineering.
2. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper “Red Deer and Simulation Annealing Optimization Algorithm Based Energy Efficient Clustering Protocol for Improved Lifetime Expectancy in Wireless Sensor Networks” in **Wireless Personal Communications (SCIE INDEXED)**. Springer <https://doi.org/10.1007/s11277-021-08808-2>.

2020

3. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper “Vector-Based Classification Prediction to Geographical Location” in International Journal of Future Generation Communication and Networking” (**WEB OF SCIENCE**) **Scopus** Volume 13, Number 4, 1 jan 2021 , pp,4174-4179.

<http://www.sersc.org/journals/index.php/IJFGCN/article/view/34863>

4. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper “ A Unified And Innovative Route Prediction Using Big data Trajectory Clustering” in International Journal of Future Generation Communication and Networking” (**WEB OF SCIENCE**) **Scopus** Volume 13, Number 4, 1 jan 2021,pp,4210-4215.

<http://www.sersc.org/journals/index.php/IJFGCN/article/download/34868/19315/>

5. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper “Moth-Flame Optimization-Bat Optimization: Map-Reduce Framework for Big Data Clustering Using the Moth-Flame Bat Optimization and Sparse Fuzzy C-Means” in **Big Data (SCIE INDEXED)** Volume 8, Number 3, 1 june 2020, a Mary Ann Liebert, Inc. DOI: 10.1089/big.2019.0125.<http://www.jcreview.com/fulltext/197-1594075935.pdf?1609917631>

6. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper “Review of Contemporary Literature on Predictive Analysis for Arrhythmia Disease Detection” in Journal of Critical Reviews. ISSN- 2394-5125 VOL 7, ISSUE 18, 16th June 2020. (Scopus indexed).<http://www.jcreview.com/fulltext/197-1594075935.pdf>

7. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper “Security Enforcement Framework for Collaborative Cloud Services” in GIS SCIENCE JOURNAL, ISSN NO: 1869-9391, VOLUME 7, ISSUE 10, October 2020, (Scopus indexed).

2019

8. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper “Regression Heuristics by Optimal Tridimensional Features of Electrocardiogram for Arrhythmia Detection” in

International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-9 Issue-1S5, December, 2019. (Scopus indexed).<https://www.ijeat.org/wp-content/uploads/papers/v9i1s5/A10361291S52019.pdf>

9. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper “An Adaptive Dynamic Mechanism for Service Integration in CoT” IJAEMA- international journal of analytical and experimental modal analysis, ISSN NO: 0886-9367, Vol XI, Issue VIII, Aug-2019, (An UGC-CARE Approved Group-A journal) (Scopus indexed).<https://www.ijeat.org/wp-content/uploads/papers/v9i1s5/A10361291S52019.pdf>
10. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper “A Secure Multi-Keyword Search Over Encrypted data in Mobile Cloud Computing” IJAEMA- international journal of analytical and experimental modal analysis, ISSN NO: 0886-9367, Vol XI, Issue VIII, Aug-2019, (An UGC-CARE Approved Group-A journal) (Scopus indexed).<http://www.ijaema.com/gallery/81-august-2260.pdf>
11. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper “Enhanced Public Key Encryption with Keyword Search in Cloud” IJERT-International journal of Engineering Research & Technology, ISSN NO: 2278-0181, Volume. 8 Issues. 8, Aug-2019.<https://www.ijert.org/research/enhanced-public-key-encryption-with-keyword-search-in-cloud-IJERTV8IS080122.pdf>
12. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper “Integrity Checking for Stored Data in Mobile Cloud Computing ” IJERT-International journal of Engineering Research & Technology, ISSN NO: 2278-0181, Volume. 8 Issues. 8, Aug-2019.<https://www.ijert.org/research/integrity-checking-for-stored-data-in-mobile-cloud-computing-IJERTV8IS080121.pdf>
13. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper “Detecting Objects and Regions for Underwater Images” JAC: AJOURNAL OF COMPOSTION THEROY, ISSN NO: 0731-6755, Vol XII, Issue VIII, Aug-2019.
14. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper "Enhancing the Histogram Based Background subtraction for detecting & tracking the moving objects" JAC:

A JOURNAL OF COMPOSTION THEROY, ISSN NO: 0731-6755, Vol XII, Issue VIII,
Aug-2019. <http://ictjournal.com/gallery/49.%20ict%20-%20aug%202019.pdf>

15. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper "Impact of Healthcare Predictions with Big Data Analytics and Cognitive Computing Techniques" IJRTE- International journal of Recent Technology and Engineering. ISSN NO: 2277-3878, Volume-8 Issue-2. July 2019.

<https://www.ijrte.org/wp-content/uploads/papers/v8i2/B1804078219.pdf>

16. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper "Face Reorganization using CASECADE Algorithm" IJRTE-International journal of Recent Technology and Engineering. ISSN NO: 2277-3878, Volume-8 Issue-2. July 2019. <https://www.ijrte.org/wp-content/uploads/papers/v8i2S4/B11180782S419.pdf>

17. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper " Energy Aware Routing Protocols for Wireless Mobile Ad hoc Networks: A Review" IJCSE- International Journal of Computer Sciences and Engineering, E-ISSN: 2347-2693, Vol.-7, Issue-6, June 2019.

https://www.researchgate.net/publication/335799245_Energy_Aware_Routing_Protocols_for_Wireless_Mobile_Ad_hoc_Networks_A_Review.

2018

18. **Dr. S. Vasundra**, CSE, JNTUACEA, Published a paper "Performance Evaluation of Routing Protocols For Voice and Video Traffics" AJCST- Asian Journal of Computer Science & Technology, ISSN: 2249-0701, Vol-7, N0-3, Dec-2018, .(UGC approved)..

<https://www.trp.org.in/issues/performance-evaluation-of-routing-protocols-for-voice-and-video-traffics>

19. **Dr. S. Vasundra, et.al.,** CSE, JNTUACEA, Published a paper " Sentiment analysis on Amazon Reviews Data" , IJCSE, ISSN: 2347-2693, Vol.-6, Issue-5, May 2018. .(UGC approved).

20. **Dr. S. Vasundra, et.al.,** CSE, JNTUACEA, Published a paper "CLASDN- An Extension in Networking for Efficient Multimedia Data Transmission", IJCSE, ISSN: 2347-2693, Vol-6, ISSUE-11, Nov-2018, .(UGC approved).

https://www.researchgate.net/publication/330140480_CLASDN_An_Extension_in_Networking_for_Efficient_Multimedia_Data_Transmission

21. **Dr. S. Vasundra**, *et.al.*, CSE, JNTUACEA Published a paper “Product Recommendation System Using Priority Ranking”. Artificial Intelligence and Evolutionary Computations in Engineering Systems. Advances in Intelligent Systems and Computing, vol 668. [Springer, Scopus indexed]. Online ISBN 978-981-10-7868-2. (2018). .(UGC approved).https://www.researchgate.net/publication/323865725_Product_Recommendation_System_Using_Priority_Ranking.
22. **Dr. S. Vasundra**, *et.al.*, CSE, JNTUACEA, Published a paper “Extraction of Interesting Variables from Disparate Data in Big Data Analytics”, Journal of Theoretical and Applied Information Technology, (JATIT) (Scopus indexed, .(UGC approved).
23. **Dr. S. Vasundra** *et.al.*,, CSE, JNTUACEA, Published a paper “Search based web service and business process anti pattern detection”, IJREAM, pp: 558-561, Vol-04, issues-03, ISSN: 2454-9150, DOI:10.18231/2454-9150.2018.0380, june2018. (UGC approved).
<http://ijream.org/papers/IJREAMV04I0339112.pdf>
24. **Dr. S. Vasundra** *et.al.*, CSE, JNTUACEA, Published a paper “Predicting the treatment time in hospitals using SVM algorithm”, JETIR, vol-5, issue-6, ISSN: 2349-5162. . .(UGC approved).2018.<http://www.jetir.org/papers/JETIR1806338.pdf>
25. **Dr. S. Vasundra** *et.al.*, Professor, Department of CSE, JNTUACEA, Published a paper Enhancing Data Security with De-Duplication Using Key Exchange Protocol, IJREAM, pp: 533-537, Vol o4, issue o2, ISSN:2454-9150,DOI:10.18231/2454-9150.2018.0380,june2018 may2018. .(UGC approved).
<https://www.ijream.org/papers/IJREAMV04I0238175.pdf>

2017

26. **Dr. S. Vasundra** *et.al.*, CSE, JNTUACEA, Published a paper,” Model-based Integration and System Test Automation for Software systems” International Journal of Scientific Research in Computer Science, Engineering and Information Technology” ISSN: 2456-3307 JULY 2017.<https://1library.net/document/ynlxgwpq-model-based-integration-test-automation-software-systems.html>
27. **Dr. S. Vasundra** *et.al.*, CSE, JNTUACEA, Published a paper “Video Streaming over IEEE 802.11e”, International Journal of Science and Reasearch, ISSN: 2319-7064, August 2017.<https://www.ijsr.net/archive/v6i8/29071707.pdf>

28. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Published a paper” Automatic detection of Failures and Anomalies Using Metamorphic Relations for Search Engine” International Journal of Innovative Research in Technology, ISSN: 2349-6002, July 2017. <http://www.ijirt.org/Article?manuscript=144750>.
29. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Published a paper” A Secure Scalable and Efficient Access Control Using Public Verifiable Schema in Cloud Computing” International Journal of Innovative Research in Science, Engineering and Technology, and ISSN: 2319-8753 July 2017. DOI:10.15680/IJIRSET.2017.0607227. https://www.ijirset.com/upload/2017/july/227_journal%20samreen_set_ak.pdf
30. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Published a paper” Load Balancing Through Multipath Selection Mechanism for Big Data Centers in Clouds” International Journal Of Innovative Research In Science, Engineering And Technology, ISSN:2347-6710, July 2017.DOI:10.15680/IJIRSET.2017.0607272. https://www.ijirset.com/upload/2017/july/272_IJ60707721.pdf
31. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Published a paper” A Fuzzy C-Means Based Feature Selection to Process Medical Data”, International Journal on Recent and Innovation Trends in Computer and Communication, ISSN: 2321-8169, July 2017. IJRITCC.https://www.academia.edu/36919978/A_Fuzzy_C_Means_Based_Feature_Selection_to_Process_Medical_Data
32. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Published a paper” Enabling Secure Data Sharing in the Cloud Storage Groups”, International Research Journal of Engineering and Technology, ISSN: 2395-0056, July 2017. https://www.semanticscholar.org/paper/Enabling-Secure-Data-Sharing-Scheme-in-the-Cloud-Pavani_vasundra/27ccbdbbbf8c68d6a3c6d94a16ac4fbf7be739ef
33. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA. Blind Spectrum Sensing Techniques in Cognitive Radio-Survey. Emerging Trends in Electrical, Communications and Information Technologies. Lecture Notes in Electrical Engineering, vol 394. Springer, Singapore. DoI: 10.1007/978-981-10-1540-3_5.(Scopus indexed, ugc approved). Online ISBN 978-981-10-1540-3. (2017).

2016

34. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Published a paper “Enhanced CASHMA for Dynamic User Identity and Secure Authentication over ICT Systems”, International Journal of Advanced Research in Computer Engineering & Technology ISSN: 2278 – 1323 September 2016. IJAR CET.
35. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Published a paper” Efficient & Secure Privacy Preserving Public Auditing Scheme For Cloud Storage”, International Journal of Advanced Research in Computer Engineering & Technology ISSN: 2278 – 1323 September 2016
36. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Published a paper “Optimized Job Scheduling with On-Demand Dynamic Fine-Grained Pricing Scheme for IaaS Cloud Platform”, International Journal of Science, Engineering and Technology Research ISSN: 2278 – 7798, October 2016. IJSETR
37. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Published a paper “Implementing Integrated Web-data Service to Promote Telemedicine Database Management System”, International Journal of Advanced Research in Computer Science and Software Engineering”. ISSN: 2277 128X, November 2016. IJARCSSE.
38. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Published a paper “Development of a GUI Code Based on LabVIEW for the Evaluation of Solid Propellant Burning Rate by Ultrasonic Technique” International Journal of Engineering Research in Computer Science and Engineering, ISSN 2394-2320, December 2016. IJERCSE.
39. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Published a paper “SECURE PROACTIVE SOURCE ROUTING FOR WIRELESS NETWORKS” North Asian International Research Journal Consortium (IRJIF). Vol.2, issue11, nov.2016 ISSN: 2454-7514.

2015

40. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Published a paper “Throughput Maximization using Novel Network Coding”, International Journal of Electronics and Computer Science Engineering ISSN- 2277-1956, Feb-2015.IJECSE.
41. **Dr. S.Vasundra** *et.al*, CSE, JNTUACEA, Published a paper “Attribute Based Encryption and Decryption Technique”, International Journal of Computer Applications ISSN: 0975-8887, volume 132, No.5 December 2015. IJCA.
42. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Optimizing technique to reduce traffic load in peer-to-peer systems. International journal of advanced research in computer engineering and technology, Vol-4, issue-6, pp ISSN: 2278-1323, July 2015. IJARCET.
43. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, GSTARS: generalized statistical dynamic source routing for mantes, International journal of computer science trends and technologies, volume 3, issue 4, July 2015.ISSN: 2347-8578.IJCST.
44. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, “Distributed algorithm to load balanced data aggregation tree problem under deterministic network model”, Journal of network communications and emerging technologies, volume 3, issue1, July 2015. ISSN: 2395-5317. JNCET.
45. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Preserving trajectory privacy using personal data vault, International research journal of engineering and technology, Volume-2, issue 04 July 2015.ISSN: 2395-0056. IRJET.
46. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Handling Multiple K-Nearest Neighbor query verifications on road networks under Multiple Data Owners, International research journal of engineering and technology, Volume-2, issue 04 July 2015.ISSN: 2395-0056. IRJET.
47. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, Analyzing spectral histograms of filter responses for accurate image segmentation, International journal of scientific research in computer science applications and management, volume 4, issue 4,ISSN: 2321-7782. July 2015.IJSRCSAM.
48. **Dr. S. Vasundra** *et.al*, CSE, JNTUACEA, “Fuzzy logic based fault diagnosis system for wireless sensor networks”, International journal of advanced research in computer science and software engineering, Volume 5, issue 7, July 2015. ISSN: 2277-128X. IJARCSSE.

49. **Dr. S. Vasundra** et.al, CSE, JNTUACEA, Trust and security management protocol for delay tolerant network using information centric network architecture, International journal of computer science and engineering, volume 3, issue 7, July 2015.ISSN: 2347-2693.IJCSE.(ugc approved).
50. **Dr. S. Vasundra** et.al, CSE, JNTUACEA, “Comparing probabilities of inequalities in dimension incomplete databases using index structure”, International journal of computer science and mobile computing, volume 4, Issue 7, July 2015. ISSN: 2320-088X.UCSMC.
51. **Dr. S. Vasundra** et.al, CSE, JNTUACEA, “Distributed Intrusion Detection System for Resource Constrained devices in Networks”, International Journal of Compute Science and Mobile Applications, Vol 3 Issue 7 Pg 8-15. ISSN: 2321-8363. IJCSMA.2015
52. **Dr. S. Vasundra** et.al, CSE, JNTUACEA, “To increase the bound of vertex cut in overlay relay routing nodes using dynamic threshold function”, Journal of network communications and emerging technologies, volume 3, issue 2, August 2015. ISSN: 2395-5317. JNCET.
53. **Dr. S. Vasundra** et.al, CSE, JNTUACEA, “Polarized gossiping for enhanced publish/subscribe services over the internet”, International journal of advanced research in computer engineering and technology, Volume-4, issue-6, pp 3234-3239, July 2015. ISSN: 2278-1323.IJARCET.
54. **Dr. S. Vasundra** et.al, CSE, JNTUACEA, “Study of Cloud Based Mobile Learning Approaches” published a paper on I-MANAGER’S Journal on Cloud Computing, Vol.2 No. 1 November 2014-January 2015. DOI : <https://doi.org/10.26634/jcc.2.1.3301>.

2014

55. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “Automated Functional Test Case Prioritization for Increased Rate of Fault Detection”, International Journal for Innovative Research in Science & Technology, Volume 1, Issue 7, December 2014, ISSN: 2349-6010. IJIRST.
56. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “Stakeholder Negotiation and Case Based Ranking method to Software Requirements

Prioritization”, International Journal for Scientific Research and Development Volume 2, Issue 10, December 2014, ISSN: 2321-0613.IJSRD.

57. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “An efficient protocol for secure communication in wireless Adhoc networks”. International Journal of Advanced Research in Computer and Communication Engineering. Volume 3, issue 12 December 2014. ISSN: 2278-1021. IJARCCCE.

58. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “FUSION: Software System to Model Preferences of Multiple Users”, International Journal of Advance Research in Computer and Communication Engineering,”, Volume 3, Issue 11, November 2014.ISSN: 2278-1021.IJARCCCE.

2013

59. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “Bandwidth Guaranteed NVS Using Multiple Uplink Communication”, IJAIEM (International Journal of Application or Innovation in Engineering & Management), Oct-2013.ISSN: 2319-4847.

60. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “Exploring the Emergence of Social Networks in Collaborative Software Development through Work Item tagging”, IJMIE (International Journal of Management, IT and Engineering), Nov-2013. ISSN: 2319-8885.IJSETR.(ugc approved).

61. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “Time Series Forecasting Using Artificial Neural Networks under Dempster–Shafer Evidence Theory and Trimmed-winsorized Means”, IJICT (International Journal of Information and Communication Technology, Oct-2013. ISSN: 0974-2239.IJICT.

62. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper Enabling Automatic Testing of Modern Web Applications Using Testing Plug-ins Volume 4, issue9, September 2013. ISSN: 2229-3345. IJCSET.

2012

63. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “The

Weighted average method for predicting the Performance of systems”, International Journal of Advanced Research in Computer Engineering & Technology. pp: 1-4, vol 1, issue 7, September 2012. ISSN: 2278-1323.IJARCET.

64. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “Context awareness for Effective Software Structure Quality”, International Journal of Advanced Research in Computer Engineering & Technology. pp: 221-224, vol 1, issue 7, Sep 2012. ISSN: 2278 – 1323. IJARCET.

65. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “Performance analysis of improved ODMRP with Motion Detection (IOMD) in Mobile Ad Hoc Network”, International Journal of Research in Computer and Communication Technology. PP:170-181, Vol 1, Issue 4, September 2012.ISSN: 2278-5841. IJRCCT.

66. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “A Cooperative Multi – Hop clustering Protocol for Energy Saving of Mobile Devices”. International Journal of Advanced Research in Computer Science & Engineering. pp:46-51,vol 1, issue 6, Aug 2012. ISSN: 2277-9043. IJARCSE.

67. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “Cancer Detection by using Advanced Technology”, International Journal of Computer Science and Technology. IJCST. pp:751-753, vol 3, issue 3, ISSN: 0976-8491.July -step 2012.

68. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “Content based publish/subscribe with motion detection in Mobile Ad Hoc Networks”, International Journal of Computational Intelligence Systems. IJCIS.ISSN: 1875-6883 pp:36-63 Vol. 4, No. 1, 2012.

2011

69. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “Load Balancing through shortest path in regular mesh topologies”, International Journal of Advanced Research in Computer Science & Engineering. ISSN: 2277-9043. IJARCSE. pp:149-153, vol.4, issue 1, Jan 11 – June 2011.

70. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper

“Effect of mobility on Multicast Routing”, International Journal of Research and Reviews in Computer Science. pp: 250-253, vol2, no.1, march 2011. IJRRCS.2011

71. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper Dynamic Transmission Power Assignment for Energy Conservation Routing in MANETs , International Journal of Smart Sensors and Ad Hoc Networks ISSN No. 2248-9738 pp:72-75, vol.1 issue 1, 2011. IJSSAN.

2010

72. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “Fast Recovery from Topology Changes and Communication Link Failures”, pp: 50 – 57, vol 5, no, 2, Oct - DEC 2010. I-MANAGER.

2007

73. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper Performance Analysis of Queue management schemes and packet marking schemes in differentiated services, pp:68-78, Jan–mar 2007. I-MANAGER.

74. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper Performance enhancement to WCMDA Multimedia Network using MAC Protocol, pp: 71-78, Oct – dec2006, vol.1 no.2. DOI: <https://doi.org/10.26634/jse.1.2.830>. I-MANAGER.

International Conferences:

2021

1. **Dr. S. Vasundra** et al, “ Self-Adaptive Cuckoo Search-Based Cluster Head Selection for Maximizing Network Lifetime in Wireless Sensor Networks” . At International Conference on Recent Trends in Computing. 2021(Springer).
2. **Dr. S. Vasundra** et al, “Prognostic Outcome Prediction on Patient Treatment Trajectory Data Using PSO Optimization on LTSM-RNN Model”. At International Conference on Intelligent Computing, Information and Control Systems. 2021. (Springer).

2019

3. **Dr. S. Vasundra et al**, “A study on mining and analysis of trajectory databases with multi-dimensional feature sets”, at International conference on data science ,machine learning and applications,2019. (Springer).

https://www.researchgate.net/publication/341484445_A_Study_on_Mining_and_Analyses_of_Trajectory_Databases_with_Multi-dimensional_Feature_Sets

2018

4. **Dr. S. Vasundra et al**, “Product Recommendation System Using Priority Ranking” , Artificial Intelligence and Evolutionary Computations in Engineering Systems, AISC 2018, doi.org/10.1007/978-981-10-7868-2_16. (Springer).

https://www.researchgate.net/publication/323865725_Product_Recommendation_System_Using_Priority_Ranking

5. **Dr. S. Vasundra et al**, “Multipath Optimized Link State Routing Protocol with Multi-Variant Deficit Round Robin”, International Conference on Computing, Communications & Data Engineering (CCODE), IADS,2018. Doi:10.2139/ssrn.3167228. (Springer).https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3167228

2017

6. **Dr. S. Vasundra et al**, “Product Recommendation system using priority ranking” international conference on Artificial intelligence and evolutionary computations in engineering systems(ICAIECES-2017) & Power , Circuit And Information Technologies (ICPCIT-2017).

https://www.researchgate.net/publication/323865725_Product_Recommendation_System_Using_Priority_Ranking

2016

7. **Dr. S. Vasundra et al**, “IACOP – Route Optimization in Wireless Networks using Improved Ant Colony Optimization Protocol”, 17th International Conference on Information and Computer Networks (ICICN 2015), WASET, Singapore SG January 07-08, 2016.

8. **Dr. S. Vasundra** *et al*, “detection of malicious packet dropping attacks in wireless Adhoc networks using enhanced HLA scheme” , 2nd international conference on applied science engineering and technology. 2016.
9. **Dr. S. Vasundra** *et al*, “ development of a GUI Code based on LABVIEW for the evaluation of Solid propellant burning rate by Ultrasonic technique” on international conference on emerging trends in engineering and technology. Visakhapatnam, 11th December 2016.

2015

10. **Dr. S. Vasundra** *et al*, “Blind Spectrum Sensing Techniques In Cognitive Radio-Survey”, 2nd International Conference on Emerging Trends in Electrical, Communication and Information Technologies (ICECIT-2015), 19-21 December 2015, SRIT, Anantapuramu. (Springer)

2013

11. **Dr. S. Vasundra** *et al*, “Exploring the Impact of Test Sequence Length for Structural Coverage in Software Testing Using Multiple Techniques”, International Conference on Advanced Computing Methodologies (ICACM-2013), August 02-03, 2013, held at GRIET, Hyderabad.
12. **Dr. S. Vasundra** *et al*, “A Clustered Hybrid Authentication Protocol for Multicast Adhoc Networks”, IEEE International Conference on Human-Computer Interactions (*ICHCI*13), August 23-24, 2013, held at Saveetha University, Chennai.

13. **Dr. S. Vasundra** *et al*, Time Series Forecasting Using Artificial Neural Networks under Dempster-Shafer Evidence Theory and Trimmed-Winsorized Mean Volume 3, Number 5(2013), pp. 383-390 5th & 6th October 2013. International Conference on Advancements in Computing Sciences, Informatics Techniques & Emerging E-Learning Technologies (ACSITEET-2013).

2011

14. **Dr. S. Vasundra** *et al*, ERAM: An Efficient and Adaptive File Replication with Consistency Maintenance in P2P Systems, pp: 173 – 176 International Conference on Computer Science & Information Technology, CSIT – 2011.
15. **Dr. S. Vasundra** *et al*, “Probabilistic program Dependence Graph for Optimizing the Program Utility”, pp: 43 – 46 International Conference on Computer Science & Information Technology, CSIT – 2011.

16. **Dr. S. Vasundra** *et al*, Two phases Optimization Approach for Software Release Planning, pp: 224 – 227 International Conference on Computer Science & Information Technology, CSIT – 2011.
17. **Dr. S. Vasundra** *et al*, Quality of Service for Event Delivery in Steam, pp:199 – 203 International Conference on Computer Science & Information Technology, CSIT – 2011.
18. **Dr. S. Vasundra** *et al*, Automatic Detection and Correction of High-Level Defects in Object-Oriented Designs, pp: 182 – 186 International Conference on Computer Science & Information Technology, CSIT – 2011.
19. **Dr. S. Vasundra** *et al*, Design of an Efficient Distributed Overlay Network with Scalability, pp: 1 – 4 International Conference on Innovative Research in Engineering and Technology.
20. **Dr. S. Vasundra** *et al*, Distributed Data Mining in Credit Card Fraud Detection, pp:1 – 4 International Conference on Innovative Research in Engineering and Technology.
21. **Dr. S. Vasundra** *et al*, Predicting congestion using A.I. Technique, pp:290 – 294 EPPCSIT – 06.
22. **Dr. S. Vasundra** *et al*, Active Queue management techniques for congestion control in IP based CDMA RAN 12th – 13th July 2006. NCCC – 06.
23. **Dr. S. Vasundra** *et al*, Minimax filtering in wireless sensor and actor networks, pp:102-106, ICICT – 2011, IRNet, Bangalore.
24. **Dr. S. Vasundra** *et al*, Optimal routing in multihop wireless networks using Floyd warshal algorithm, advanced computing methodologies – 2011, GRIET, Hyderabad.
25. **Dr. S. Vasundra** *et al*, Self stabilizing clustering of ACK tree networks generation algorithms, emerging technologies in computer science and engineering – 2010, Velagapudi Ramakrishna Siddhartha engineering college.
26. **Dr. S. Vasundra** *et al*, Detection of fraudulent usage in cellular mobile networks, International trade & commerce – 2010, Osmania University, Hyderabad.

National conferences:

1. **Dr. S. Vasundra et al**, Optimizing the performance of zone routing protocol, NITC 2009, S.V. University, Tirupathi, “national conference on data mining & network security”.
2. **Dr. S. Vasundra et al**, “emerging principles and practices of computer science & information technology” (EPPCSIT 06) held on August 18-19, 2006. Organized by Department of computer science & information technology, Guru nanak dev engineering college, Ludhiana. “preceding congestion using A.I technique”
3. **Dr. S. Vasundra et al**, has participated second national conference on “Database management systems & networks” on 8th and 9th September 2005.”A combined algorithm of cryptography and stenography to enhance network security”.

Workshops attended:

2015

1. Attended one day workshop on “Startup boot-camp pre-launch meeting” in collaboration with Andhra Pradesh state council of higher education, Kochi Kerala on 23rd January, 2015.
2. Attended workshop on “innovations in technology”, on conducted ITE & C dept., Govt of AP and JNTU University JNTUACEA, ANANTAPUR 9th December 2015.
3. Attended workshop on “Awareness on Washington Accord for Outcome Based Education” JNTUACEA, ANANTAPUR, 4th August 2015.
4. Attended workshop on Programming in c & data structures” conducted by JNTUCEA, ANANTAPUR 25th & 26th March 2015.
5. Attended one day workshop on “Role of women in engineering (WIE) education through IEEE, on 19th September, 2015.
6. Attended National level workshop on training program for NBA Criteria and Accreditation Process” Sponsored by UGC & JNTUA, JNTUACEA, ANANTAPUR, 3rd March 2015.
7. Attended the “University Level NSS Youth Festival” at JNTU University Anantapur and acted as Judge of the event. JNTUACEA, ANANTAPUR 29th January 2016.

8. Attended national level workshop on “Campus Networking” held on November 5th and 6th 2015.in JNTUACEA Anantapuramu.
9. Attended workshop on “Awareness on creating center of excellence” Conducted by JNTUACEA & JNTUA. JNTUACEA, ANANTAPUR, 26th JUNE 2015.

2014

10. Attended workshop on “IBM DB2 ACADEMIC ASSOCIATE” JNTUACEA, ANANTAPUR, 19th and 20th December 2014.
11. Attended workshop on “Big Data & Analytics”. JNTUACEA, ANANTAPUR, 27-30 November, 2014.
12. Attended workshop on “Bharath Operating System Solutions(BOSS)- Minimalistic Object Oriented Linux(MOOL)”, JNTUACEA, ANANTAPUR, 16th and 17th October 2014.
13. Attended one day workshop on “Technology enhanced learning through NMEICT-implementation of spoken tutorial project “in collaboration with IIT Bombay, on 10th July 2014.
14. Attended two day workshop , sponsored by university grants commission, new Delhi on “outcome based education approach in engineering curriculum” organized by JNTUA college of engineering Anantapuramu. 26th and 27th august 2014.
15. Attended a National level Technical Symposium of “PIXEL” and acted as a coordinator, JNTUACEA, ANANTAPUR 29th March 2014.
16. Attended one day workshop “engineering inner excellence” human values and professional ethics on 5th July 2014. JNTUA Anantapuramu.

2013

17. Attended workshop on “ESPRIT”, acted as Judge and conducted by SRIT. ATP, 03rd February 2013.
18. Attended workshop on new concepts in energy utilization. Conducted by JNTUACEA. JNTUACEA, ANANTAPUR, 30th September 2013.

2012

19. Attended workshop on “C & DATA STRUCTURES” acted as Judge and conducted by APSCHE & JNTUACEA. JNTUACEA, ANANTAPUR, 03-08 September 2012.
20. Attended one day workshop on “Robot dynamics & control” UGC Sponsored on 04/02/2012.
21. Attended workshop on “Embedded systems” organized by Pearson education and ECE JNTUACEA Anantapuramu. 5th October 2012.
22. Attended workshop on Wireless networking& communications, WN&C’12 Sponsored by APSCHE &UGC. And JNTUACEA Anantapuramu. 27th &28th January 2012.
23. Attended national level workshop on “Awareness Campaign on Ethical Hacking” organized by JNTUA college of Engineering, ananthapur-515002.
24. Attended national level workshop on “Research Methodology” organized by Dept of CSE S.V. University College of engineering, Tirupathi. On 29th &30th September 2012.

2011

25. Attended national level workshop on “ Market-Oriented Cloud Computing and the Aneka Platform” organized by Department of CSE JNTUA college of engineering, anantapur on December 27th 2011.
26. Attended workshop on “Science and Technology Exhibition”, acted as Judge and conducted by JNTUACEA, JNTUACEA, ANANTAPUR, 25th February 2011.
27. Attended One day workshop on “Advances in computing science” JNTUACEA, ANANTAPUR. 24th Feb 2011.

2010

28. Attended workshop at “COMBATING CLIMATE CHANGE” JNTUACEA, ANANTAPUR.18th -19th march 2010.
29. Attended workshop at “SSITS - 2KX”, and acted as Judge and conducted by SSIETS, JNTUACEA, ANANTAPUR, 13 October 2010.
30. Attended national level workshop on “Emerging Trends in Image Processing” held at S.K.U college of Engineering & Technology, anantapur 31st march 2010.

31. Attended national level workshop on “New concepts in energy utilization” organized by dept of mechanical engineering JNTUACEA Anantapuramu, on September 30th 2003.

Training Programs short term/FDPs/Webinars/ seminars attended/ organized:

2020

1. Attended WEBINAR on "Mentoring Innovation Challenge for the Youth" organized by Lead India Foundation (USA) in collaboration with INDUCT and iB HUBS on December 18, 2020
2. Attended TEQIP-III Sponsored Webinar on online “ARE WE EDUCATED” organized by the Department of Computer Science and Engineering, JNTUACEA on 12/12/2020 .
3. Attended TEQIP-III Sponsored “Big image data processing using deep learning techniques” organized by the Department of Computer Science and Engineering, JNTUACEA on 0^{4th} December, 2020.
4. Attended WEBINAR on " Boosting Immunity through Holistic Healthcare " organized by Lead India Foundation (USA) on NOV 11, 2020.
5. Organized online workshop “MEDITATION AND YOGA RETREATS” in collaboration with Art of Living Foundation anantapur under Fit India Movement activity on 5th September 2020.
6. Organized a webinar “Food – Planet – Health” to mark 150th Birth anniversary celebrations of Mahatma Gandhiji in collaboration Vegan outreach International Nonprofit Organization (NGO) Mumbai on 21/09/2020.
7. Attended “Webinar on online teaching Methods” – 13/05/2020 ID : AQHT10-CE000141
8. Attended National level FDP on “Artificial Intelligence” from 22/05/2020 to 26/05/2020 Organized by Universal college of Engineering, Mumbai University.
9. Attended Three days online FDP on “Internet of Things (IOT)” from 5/5/2020 to 7/5/2020 Organized by St.Martin Engineering College in association with Computer Society of India.
10. Attended One week FDP on “Exploring the Dimensions of Innovation Incubation and Engineering Technologies to Embrace post covid changes” from 8/6/2020 to 12/6/2020 organized by Hope foundation Finolex Academy of Management and Technology, Ratnagiri.

11. Attended FDP on “NAAC Awareness program for faculty” Organized by Marathwada Mitra Mandal Institute Of Technology (MMIT), La Lgaon Pune-47 from 8/5/2020 to 14/5/20210.
12. Attended Three days free Webinar FDP on “Digital Era of Teaching” Conducted by Diksoochi, Mysore from 11/5/2020 to 13/5/2020.
13. Attended FDP on “Introduction of Accreditation Mechanism & NBA Approach” organized by Dr. V. B. Kolte college of Engineering, Malkapur (M.S) India in association with ISTE, New Delhi and Institution of Engineers (India) from 11/5/2020 to 15/5/2020.
14. Participated in FDP on “Machine Learning” held from 10th to 14th August 2020 organized by Department of Information Science and Engineering, VVCE, Mysuru.
15. Participated in FDP on “Faculty Program on NBA” on 12/5/2020 organized by Bharathi Vidyapeeth college of Engineering, Navi Mumbai.
16. Participated in online Webinar on “OBE Initiation process Sponsored by Kala Salinger Academy of Research and Education on 12/5/2020”
17. Participated in Short Stream Training Program me through ICT mode on “Artificial Intelligence” organized by NIT Teacher Training and Research, Kolkata from 15/6/2020 to 19/6/2020 (One week).
18. Attended “Webinar on “Future Block chain technology” organized by Department of Computer Science and Engineering, VIKAS Group of Institutions, Nunna , Vijayawada on 18th July,2020.
19. Participated in FDP on “Data Science and Cloud Computing” organized by Department of Computer Science and Engineering Chebrom Engineering college , JNTUK Guntur (Dist) A.P from 18/5/2020 to 22/5/2020.
20. Participated in one week FDP on “R Programming” organized by Department of I.T at Fr. C. Rorignes Institute of Technology, Vashi in association with spoken Tutorial IITB Mumbai during 18/5/2020 to 23/5/2020.
21. Participated in one week FDP on Cyber Security organized by Department of Computer Science and Engineering , Sreyas Institute of Engineering and Technology Hyderabad from June 19th to 24th 2020. (19/6/2020 to 24/6/2020)
22. Participated in webinar on “Climate change imports & instigation on water and Environment ” on 20/5/2020 organized by RVS college of Engineering and Technology Suhre , Coimbatore.
23. Attended webinar on “Effective Research Writing Skills & Protections” on 22/5/2020 organized by Shri Chatrapati Shivajiraje collage of engineering pune.

24. Attended One day FDP on “Cyber Forensics” on 21/5/2020 by SVIT, secunderabad.
25. Attended one week FDP on “Advanced Data Science and its Applications” organized by BVRIT Hyderabad from 22/6/2020 to 26/6/2020.
26. Attended FDP (6 Days) on “Object Oriented Programming” organized by Parnimalar Institute of Technology in association with CSI & IEE from 22/6/2020 to 27/6/2020.
27. Attended FDP (5 Days) on “Mentoring and facilitation Skills for Institutional mentors” from 27/5/2020 to 31/5/2020 organized by MGNCRE Hyderabad.
28. Organized one day “Swachta Action Plan” Online workshop for family members of Higher Education Institution in Ananthapur , ATP on 7/6/2020 in association with MGNCRE A.P.
29. Attended One week short term teaching Program on “Data Science and Learning Systems for Engineering Research and Design” from 24/6/2020 to 30/6/2020 Sponsored by TEQIP-3 Organized by NIT Kurukshetra and Engineering college of Bikaner, Bikaner.
30. Participated in Two day webinar on “Feature Generation Computing and Applications” on 8th and 9th of August 2020.
31. Participated and has successfully completed a Quiz on AICTE’s E-learning Initiative during COVID-19.
32. Participated in Five Day National level Faculty Development Programme on “Artificial Intelligence“ held from 22.05.2020 to 26.05.2020 organised by the Department of Information Technology, CMR Engineering College, Hyderabad, in collaboration with NYCI & Brainovision Solutions India Pvt.Ltd setting a proud world record with 13000 diligent learners across the Nation.
33. Participated in One -Week Faculty Development Program on Mentoring and Facilitation Skills for Institutional Mentors’ May 27 - 31, 2020. Mahatma Gandhi National Council of Rural Education.
34. Participated and completed TEQIP-III Sponsored Webinar on “***Big image data processing using deep learning techniques***” organized by the Department of Computer Science and Engineering, JNTUACEA on **04th** December, 2020.
35. Organized online workshop on “International Day of Yoga” on 21/6/2020 for all NSS volunteers and faculty of JNTUA in Association with Art of living Ananthapur.

36. Participated in One -Week Faculty Development Program on” Research Methodologies and Data Analysis” from 23rd to 28th September 2019 Conducted at JNTUA College of Engineering Ananthapuramu, Sponsored by TEQIP-III.

37. Participated in One -Week Faculty Development Program on "Leadership Skills" during 19th to 24th August 2019 Conducted at JNTUA College of Engineering Ananthapuramu, Sponsored by TEQIP-III.

2018

38. Participated in Five days FDP on “soft skills and personality development” sponsored by TEQIP-III, JNTUACEA, ANANTAPUR, Dec 10th to Dec 14th 2018.

39. Acted as coordinator & Convener for the Faculty Development Programme on “Data Science”, jointly organized by organized by TCS Hyderabad & JNTUA CEA, JNTUACEA, ANANTAPUR, April 3rd and 4th 2018.

2017

40. Acted as coordinator & Convener for the Faculty Development Programme on “Big Data Analytics”, jointly organized by organized by TCS Hyderabad & JNTUA CEA, JNTUACEA, ANANTAPUR, 20th to 22 February 2017.

2016

41. Participated in Five days Course on “Hands on Web Application & Web Penetration Security Course”, Tie Hyderabad & E2labs Hyderabad, 30th MAY – 3rd JUNE 2016.

2015

42. Organized Training programme on Agile methodologies” conducted by JNTUACEA in collaboration with TCS company, JNTUACEA, ANANTAPUR, on 25th February 2015.

43. Attended the complimentary Training/ Orientation on “MATLAB, Simulink & Related Tool Boxes for Engineering Education” JNTUACEA, ANANTAPUR, 7th October 2015.

44. Participated in the Faculty Development Programme on “Entrepreneurship”, JNTUACEA, ANANTAPUR, 06th - 18th July 2015.

2014

45. Attended Two Days Training Program me on “Bharath Operating System Solutions (BOSS)-Minimalistic Object Oriented LINUX (MOOL)”, JNTUACEA, ANANTAPUR, 16th & 17th October 2014.

2013

46. Attended national seminar on “Recent Trends in networking & security “ organized by department of CSE, JNTUACE, ananthapuramu-515002, on 15th &16th November 2013.

2008

47. Attended three day Training programme on “INTERNET TECHNOLOGY” JNTUACEA, ANANTAPUR, 2nd and 4th January 2008.

2005

48. Attended one Month” orientation course on “value education sponsored by UGC. JNTUH UINVERSITY, 17/01/2005-12/02/2005.

2000

49. Attended short term training programme on “Internet and java” organized by the ISTE chapter, JNTU college of Engineering, Anantapur, on 9th august to 8th September, 2000.

Social activities:

- Regular contributor for JEEVANI ORPHANAGE FOR CHILDREN at Anantapur;
- Regular contributor for GURU PADHUKA SEVA TRUST, Anantapur which organizes Blood donation camps, Medical camps, Cleaning camps, providing domestic facilities for old people and children etc.,
- Regular contributor for SAVE THE GIRL CHILD Organization, GOVT OF INDIA.
- Regular contributor for World Vision India Organization, GOVT OF INDIA.
- Regular contributor for Sri Guru Raghavendra Orphanage, Prasannayapalli, Anantapur District A.P.
- Regular contributor for Child Vision Foundation (save child & make future) NGO Mumbai Recognized by GOVT OF INDIA.

**Dr. S. Vasundra,
Professor Dept of CSE
Director, Industrial Relations &
Placements,
JNTUA University,
Anantapuramu.**