



**Prof. S. Vasundra.,**

**M.Tech, Ph.D.**

**Professor of CSE Dept,**

**&**

**NSS Coordinator,**

**JNTUA University,**

**Ananthapuramu - 515002, India.**

## BIO-DATA

**Name** : **Dr. SANJEEVULU VASUNDRA**

**Parent Name** : Sri. S. Venugopal  
Smt. S.Rajamma

**Official Address** : Professor of CSE  
National Scheme Service Cell,  
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Sri Sai Ram Comforts Apartments,  
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[vasundras@rediffmail.com](mailto:vasundras@rediffmail.com)  
[nssco@jntua.ac.in](mailto:nssco@jntua.ac.in)

**Nationality** : Indian

**Religion** : Hindu

**Date of Birth & Place of Birth** : 30<sup>th</sup> January 1976  
Ananthapur, Andhra Pradesh, India.

## 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	Wadlawcompupre-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	----

## Research Interests:

Mobile Ad hoc Networks, Computer Networks, and Big Data

## Teaching Experience:

20+ years teaching UG & PG Courses

## Research Guidance:

- Ph. D. – Currently guiding 06 part-time scholars, and 01 full time(supernumerary), 01part-time (industrial).
- M. Tech – Guided more than 50 projects, currently guiding 07 scholars.
- MCA - Guided more than 50 projects, currently guiding 05 scholars.
- B.Tech-Guided more than 80 projects, currently 03 batches.

### **Administrative Service:**

- Presently working as NSS Coordinator JNTUA UNIVERSITY Ananthapuramu.
- 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 Service:**

- Serving as UG Chairman, Board of Studies (CSE), JNTUACEA.
- Serving as UG Chairman, Board of Studies (IT), JNTUA.
- Serving as UG Board of Studies (CS&T) Member, SKU, and Anantapuramu.
- Invited as Keynote speaker for more than 10 events in various Engineering Colleges.
- Presently serving 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 Ananthapuramu 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

### **Books published:**

- Dr. S. Vasundra Professor, Department of CSE, JNTUACEA, authored a book titled “**Introduction to Internet & Web Technology**” in the year 2018, Book-Rixs Publications

### **Patent Filed:**

<b>S.no</b>	<b>Department</b>	<b>patent registered (National / International )</b>	<b>Patent Title</b>	<b>Application Number</b>	<b>Patent Grant Year</b>
1	CSE	National	Advanced Security System Using Beagle Bone And Rfid Kit	201811034648	2018

### **Professional Membership:**

- 1) MISTE
- 2) MIE
- 3) MCSI
- 4) IAENG

### **Visits to Foreign Countries:**

- Paper presentation atSingapore–17<sup>th</sup> International Conference on Information and Computer Networks (ICICN 2015), WASET, January 07-08, 2016.

## Number of Research publications:

- International Conferences: 24
- National conferences: 03
- International Journals : 57
- Workshops organized and attended: 33
- Fdp/ Training programme: 15

## Papers published:

### International Journals:

2018

1. **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).
2. **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).
3. **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).
4. **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
5. **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).
6. **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).

7. **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.
8. **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).

### 2017

9. **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.
10. **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.
11. **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.
12. **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/IJRSET.2017.0607227.
13. **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/IJRSET.2017.0607272.

14. **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.
15. **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.
16. **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

17. **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. IJARCET.
18. **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
19. **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



20. **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.
21. **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.
22. **Dr. S. Vasundra et.al**, CSE, JNTUACEA, Published a paper “SECURE PROACTIVE SOURCE ROUTING FOR WIRLESS NETWORKS” North Asian International Research Journal Consortium (IRJIF). Vol.2, issue11, nov.2016 ISSN: 2454-7514.

## 2015

23. **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.
24. **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.
25. **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.
26. **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.
27. **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.

28. **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.
29. **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.
30. **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.
31. **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.
32. **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).
33. **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.
34. **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

35. **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.
36. **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.
37. **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

38. **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.
39. **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.
40. **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. IJARCCE.
41. **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.IJARCCE.

### 2013

42. **Dr. S. Vasundra**, Professor, Department of CSE, JNTUACEA, Published a paper “Bandwidth Guaranteed NVS Using Multiple Uplink Communication”, IJAIEEM (International Journal of Application or Innovation in Engineering & Management), Oct-2013.ISSN: 2319-4847.
43. **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).
44. **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.
45. **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

46. **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.
47. **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.

48. **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.
49. **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.
50. **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.
51. **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

52. **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.
53. **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
54. **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

55. **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

56. **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.

57. **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:

#### 2018

1. **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).
2. **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).

#### 2017

3. **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).

## 2016

4. **Dr. S. Vasundra et al**, “IACOP – Route Optimization in Wireless Networks using Improved Ant Colony Optimization Protocol”, 17<sup>th</sup> International Conference on Information and Computer Networks (ICICN 2015), WASET, Singapore SG January 07-08, 2016.
5. **Dr. S. Vasundra et al**, “detection of malicious packet dropping attacks in wireless Adhoc networks using enhanced HLA scheme” , 2<sup>nd</sup> international conference on applied science engineering and technology. 2016.
6. **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, 11<sup>th</sup> December 2016.

## 2015

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

## 2013

8. **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.
9. **Dr. S. Vasundra et al**, “A Clustered Hybrid Authentication Protocol for Multicast Adhoc Networks”, IEEE International Conference on Human-Computer Interactions (ICHCI13), August 23-24, 2013, held at Saveetha University, Chennai.

10. **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 5<sup>th</sup> & 6<sup>th</sup> October 2013. International Conference on Advancements in Computing Sciences, Informatics Techniques & Emerging E-Learning Technologies (ACSITEET-2013).

**2011**

11. **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.

12. **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.

13. **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.

14. **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.

15. **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.

16. **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.



17. **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.
18. **Dr. S. Vasundra et al**, Predicting congestion using A.I. Technique, pp:290 – 294 EPPCSIT – 06.
19. **Dr. S. Vasundra et al**, Active Queue management techniques for congestion control in IP based CDMA RAN 12<sup>th</sup> – 13<sup>th</sup> July 2006. NCCC – 06.
20. **Dr. S. Vasundra et al**, Minimax filtering in wireless sensor and actor networks, pp:102-106, ICICT – 2011, IRNet, Bangalore.
21. **Dr. S. Vasundra et al**, Optimal routing in multihop wireless networks using Floyd warshal algorithm, advanced computing methodologies – 2011, GRIET, Hyderabad.
22. **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.
23. **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 8<sup>th</sup> and 9<sup>th</sup> September 2005.”A combined algorithm of cryptography and stenography to enhance network security”.

### Workshops attended:

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 23<sup>rd</sup> January ,2015.
2. Attended workshop on “innovations in technology”, on conducted ITE & C dept., Govt of AP and JNTU University JNTUACEA, ANANTAPUR 9<sup>th</sup> December 2015.
3. Attended workshop on “Awareness on Washington Accord for Outcome Based Education” JNTUACEA, ANANTAPUR, 4<sup>th</sup> August 2015.
4. Attended workshop on Programming in c & data structures” conducted by JNTUCEA, ANANTAPUR 25<sup>th</sup> & 26<sup>th</sup> march 2015.
5. Attended one day workshop on “Role of women in engineering (WIE) education through IEEE, on 19<sup>th</sup> September, 2015.
6. Attended national level workshop on training program for NBA Criteria and Accreditation Process” Sponsored by UGC & JNTUA, JNTUACEA, ANANTAPUR, 3<sup>rd</sup> March 2015.
7. Attended the “University Level NSS Youth Festival” at JNTU University Anantapur and acted as Judge of the event. JNTUACEA, ANANTAPUR 29<sup>th</sup> January 2016.
8. Attended national level workshop on “Campus Networking” held on November 5<sup>th</sup> and 6<sup>th</sup> 2015.in JNTUACEA Anantapuramu.

9. Attended workshop on “Entrepreneurship” Conducted by JNTUACEA & JNTUA. JNTUACEA, ANANTAPUR, 6<sup>th</sup> JULY -18<sup>th</sup> JULY 2015.
10. Attended workshop on “Awareness on creating center of excellence” Conducted by JNTUACEA & JNTUA. JNTUACEA, ANANTAPUR, 26<sup>th</sup> JUNE 2015.
11. Attended workshop on “IBM DB2 ACADEMIC ASSOCIATE” JNTUACEA, ANANTAPUR, 19<sup>th</sup> and 20<sup>th</sup> December 2014.
12. Attended workshop on “Big Data & Analytics”. JNTUACEA, ANANTAPUR, 27-30 November, 2014.
13. Attended workshop on “Bharath Operating System Solutions(BOSS)- Minimalistic Object Oriented Linux(MOOL)”, JNTUACEA, ANANTAPUR, 16<sup>th</sup> and 17<sup>th</sup> October 2014.
14. Attended one day workshop on “Technology enhanced learning through NMEICT- implementation of spoken tutorial project “in collaboration with IIT Bombay, on 10<sup>th</sup> July 2014.
15. 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. 26<sup>th</sup> and 27<sup>th</sup> august 2014.
16. Attended a National level Technical Symposium of “PIXEL” and acted as a coordinator, JNTUACEA, ANANTAPUR 29<sup>th</sup> March 2014.
17. Attended one day workshop “engineering inner excellence” human values and professional ethics on 5<sup>th</sup> July 2014. JNTUA Anantapuramu.
18. Attended workshop on “ESPRIT”, acted as Judge and conducted by SRIT. ATP, 03<sup>rd</sup> February 2013.
19. Attended workshop on new concepts in energy utilization. Conducted by JNTUACEA. JNTUACEA, ANANTAPUR, 30<sup>th</sup> September 2013.

20. Attended workshop on “C & DATA STRUCTURES” acted as Judge and conducted by APSCHE & JNTUACEA. JNTUACEA, ANANTAPUR, 03-08 September 2012.
21. Attended one day workshop on “Robot dynamics & control” UGC Sponsored on 04/02/2012.
22. Attended workshop on “Embedded systems” organized by Pearson education and ECE JNTUACEA Anantapuramu. 5<sup>th</sup> October 2012.
23. Attended workshop on Wireless networking& communications, WN&C’12 Sponsored by APSCHE &UGC. And JNTUACEA Anantapuramu. 27<sup>th</sup> &28<sup>th</sup> January 2012.
24. Attended national level workshop on “Awareness Campaign on Ethical Hacking” organized by JNTUA college of Engineering, ananthapur-515002.
25. Attended national level workshop on “Research Methodology” organized by Dept of CSE S.V. University College of engineering, Tirupathi. On 29<sup>th</sup> &30<sup>th</sup> September 2012.
26. 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 27<sup>th</sup> 2011.
27. Attended workshop on “Science and Technology Exhibition”, acted as Judge and conducted by JNTUACEA, JNTUACEA, ANANTAPUR, 25<sup>th</sup> February 2011.
28. Attended One day workshop on “Advances in computing science” JNTUACEA, ANANTAPUR. 24<sup>th</sup> Feb 2011.
29. Attended workshop at “COMBATING CLIMATE CHANGE” JNTUACEA, ANANTAPUR.18<sup>th</sup> -19<sup>th</sup> march 2010.
30. Attended workshop at “SSITS - 2KX”, and acted as Judge and conducted by SSIETS, JNTUACEA, ANANTAPUR, 13 October 2010.
31. Attended national level workshop on “Emerging Trends in Image Processing” held at S.K.U college of Engineering & Technology, anantapur 31st march 2010.

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

### **Training Programs short term/FDPs/ seminars attended:**

1. Dr.S. Vasundra acted as a session chair at third international conference on “Emerging trends in Electrical communication and information technologies”. (ICECIT). SRIT, Anantapuramu. 20-22<sup>nd</sup> December, 2018.
2. Participated in Five days FDP on “soft skills and personality development” sponsored by TEQIP-III, JNTUACEA, ANANTAPUR, Dec 10<sup>th</sup> to Dec 14<sup>th</sup> 2018.
3. Acted as coordinator & Convener for the Faculty Development Programme on “Data Science”, jointly organized by organized by TCS Hyderabad & JNTUA CEA, JNTUACEA, ANANTAPUR, April 3<sup>rd</sup> and 4<sup>th</sup> 2018.
4. Acted as coordinator & Convener for the Faculty Development Programme on “Big Data Analytics”, jointly organized by organized by TCS Hyderabad & JNTUA CEA, JNTUACEA, ANANTAPUR, 20<sup>th</sup> to 22 February 2017.
5. Participated in Five days Course on “HANDS ON WEB APPLICATION & WEB PENETRATION SECURITY COURSE”, TIE HYDERABAD & E2LABS HYDERABAD, 30 MAY – 03 JUNE 2016.
6. Organized Training programme on Agile methodologies” conducted by JNTUACEA in collaboration with TCS company, JNTUACEA, ANANTAPUR, 25<sup>th</sup> February 2015.
7. Attended the complimentary Training/ Orientation on “MATLAB, Simulink & Related Tool Boxes for Engineering Education” JNTUACEA, ANANTAPUR, 7<sup>th</sup> October 2015.
8. Participated in the Faculty Development Programme on “Entrepreneurship”, JNTUACEA, ANANTAPUR, 06<sup>th</sup> - 18<sup>th</sup> July 2015.
9. Organized Faculty Development Programme on “AGILE METHODOLOGIES”, JNTUACEA, ANANTAPUR, and 25<sup>th</sup> February 2015.

10. Attended the training programme on MATLAB, Simulink & related tool boxes for boxes for engineering education” JNTUACEA, ANANTAPUR, 7<sup>th</sup> October 2015.
11. Attended in the Two Days Training Programme on “Bharath Operating System Solutions (BOSS)-Minimalistic Object Oriented LINUX (MOOL)”, JNTUACEA, ANANTAPUR, 16<sup>th</sup> & 17<sup>th</sup> October 2014.
12. Attended national seminar on “Recent Trends in networking & security “ organized by department of CSE, JNTUACE, ananthapuramu-515002, on 15<sup>th</sup> &16<sup>th</sup> November 2013.
13. Attended three day Training programme on “INTERNET TECHNOLOGY” JNTUACEA, ANANTAPUR, 2<sup>nd</sup> and 4<sup>th</sup> January 2008.
14. Attended one Month” orientation course on “value education sponsored by UGC. JNTUH UINVERSITY, 17/01/2005-12/02/2005.
15. Attended short term training programme on “Internet and java” organized by the ISTE chapter, JNTU college of Engineering, Anantapur, on 9<sup>th</sup> august to 8<sup>th</sup> September, 2000.

### Awards:

- Received **DISTINGUISHED WOMEN ADMINISTRATOR** Award for outstanding Contributions, significant achievements and sustained excellence in the field of engineering on March 5<sup>th</sup> 2016.Given by **VENUS International Women Awards (VIWA-2016) Organization, Chennai.**
- Received **BHARAT JYOTHI AWARD** by International Friendship Society (IIFS), New Delhi, India on 26<sup>th</sup> May 2017

### 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

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