

BIO-DATA



Dr.S.VASUNDRA

**Professor, CSE Dept
&
Vice Principal**

**JNTUA College of Engineering
Ananthapuramu-515002
India.**

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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. (CSE)	Vijayanagara Engineering college, Bellary	Gulbarga university	1998	76.2
M.Tech/M.E (CS)	JNTUACEA	JNTU, A.P	2004	80.5
Ph.D. (CSE)	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 25 years of teaching experience.

Administrative Services:

- Presently working as Vice Principal JNTUACEA from 22-08-2024 to till date.
- Served as office incharge for central library JNTUACEA from 23-01-2024 to 23-08-2024.
- Worked as Principal, JNTUA College of Engineering, Pulivendula, YSR Kadapa, Andhra Pradesh, India from 01-02-2023 to 02-11-2023.
- Worked as Director, Industrial Relations & Placements JNTUA UNIVERSITY Ananthapuramu from 03-05-2021 to 31-01-2023.
- Served as NSS Coordinator JNTUA UNIVERSITY Ananthapuramu from 2019 - 2021.
- Served as Head of CSE Department for a period of four years from 2015-2019.
- Served as Additional Controller of Examination, JNTUA for a period of two years from 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 University nominee for result committee declaration for MITS, Madanapalli from 2025.
- Serving as a BOS member for Annamacharya University for MCA Department from 31/08/2024.
- Serving as a BOS member for Rajarajeswari College of Engineering, Bengaluru, affiliated to VTU, Belagavi, Computer Science & Engineering [IoT, Cyber security including Blockchain Technology] from 05-09-2024.

- Serving as Academic Council member for Aditya Engineering College (Autonomous), Madanapalli from 2024.
- Serving as Academic Council member for srinivasa Institute of technology and science,kadapa from 2024.
- Served as Executive Council (EC) Member in the year 2023.
- Served 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.
- Served as UG Board of Studies (CS&T) Member, SKU and Ananthapuramu.
- Served as UG Board of Studies(CSE)Member, SVEC (Karkambadi) Tirupathi.
- Served as UG Board of Studies (CSSE, CSBC) Member, Sree Vidyanikethan Engineering College, Tirupati.
- Served as Academic council member for KSRRM Engineering College Kadapa.
- Served as Academic council member for SVCET Chittoor.
- Invited as Key note speaker for morethan10eventsinvariousEngineeringColleges.
- Served as governing body member for Siddhartha institute of science & technology Chittoor dist since 2017.
- Served as governing body member for Sree Venkateswara College of engineering, Nellore dist since2017.
- 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, Ananthapuramu.
- Acted as session chair for various National Level Student Symposiums being organized by various Engineering Colleges.

Research Interests:

Mobile Adhoc Networks, Computer Networks, Big Data, Data warehousing and Data Mining, Cloud Computing, Security, Databases, Artificial Intelligence, Software Engineering, Machine Learning, Robotics, Internet of Things.

Research Guidance:

- Ph.D. – Currently guiding- 07 part-Time scholars
- Ph.D's – Completed – 06 Scholars
- M. Tech–Guided more than 72 projects, currently guiding 01 scholar.
- MCA–Guided more than 67 projects, currently guiding 03 scholars.

- B.Tech– Guided more than 84 projects, currently guiding 01 batch.

Books Published:

1. Dr. S.Vasundra, Professor, Department of CSE, JNTUACEA, Authored a book titled “Artificial Intelligence” Year-**2025**, Publisher: Alpha International Publication, ISSN/ISBN:978-93-5762-874-7
2. Dr. S.Vasundra, Professor, Department of CSE, JNTUACEA, Authored a book titled “Fundamentals of Cyber Security” Year-**2024**, Publisher: Scientific International Publishing House, ISSN/ISBN:978-93-6132-602-8
3. Dr. S.Vasundra, Professor, Department of CSE, JNTUACEA, Authored a book titled “Big Data” Year-**2021**, Publisher: Scientific International Publishing House, ISSN/ISBN:978-93-92992-12-4.
4. Dr.S.Vasundra, Professor, Department of CSE, JNTUACEA, Authored a book titled “DataStructures” Year-**2020**, Publisher- Amaravathi, ISBN-10: 8194368510,ISBN-13: 978-8194368519.
5. Dr.S.Vasundra, Professor, Department of CSE, JNTUACEA, Authored a book titled “Problem Solving and Programming in C” Year-**2019**, publisher: Amaravathi, ISBN-10: 8194119723, ISBN-13: 978-8194119722.
6. Dr. S. Vasundra, Professor, Department of CSE, JNTUACEA, Authored a book titled “Introduction to Internet & Web Technology” Year-**2018**, Publisher: BookRix, ISBN: 9783743884878, 3743884879.

Patents:

Patents Granted:

S.No	Depart ment	Patent registered (National/ International)	Patent Title	Field of Invention	Application Number	Patent Granted Year
1.	CSE	National	IOT based Rechargeable Buzzer for Malware Detection	Computer Science	431732-001	02/12/2024
2.	CSE	National	AI basedNetwork Intrusion Detection Device	Computer Science	432517-001	16/12/2024

3.	CSE	National	Device To Detect Emotion of a Person Using Machine Learning	Computer Science	436748-001	16/01/2025
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Patents Published:

S.No	Department	Patent registered (National/ International)	Patent Title	Field of Invention	Application Number	Patent Published 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 Women Safety Device using Microprocessor and Deep Learning Programming.	Electronics	202041001470	13/01/2020
3	CSE	National	An Approach of Integrating Machine Learning Methods for Developing a DNN Based Intrusion Detection System for a Cloud Environment.	Computer Science	202441018749	14/03/2024

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 RED CROSS SOCIETY

Awards:

- Received best Computer science and engineering teacher from ISTE, AP section for the year 2022.
- 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 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 (113NSSunits), 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 (113NSSunits), 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 (113NSSunits), 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: 97
- National Journals: 01
- International Conferences: 28
- National conferences: 03

- Workshops organized and attended: 33
- Fdp/Training programme: 48

Professional Id's:

- Web of science is: HGU-2372-2022
- <https://vidwan.inflibnet.ac.in/profile/320580>
- Orc I'd: 0000-0002-6880-0026
- <https://www.scopus.com/authid/detail.uri?authorId=57201352369>

Papers Published:

International Journals:

2025

1. Dr. S. Vasundra, Dr. D. Venkatesh, H. Kanakadurga Bella, CSE,JNTUACEA, Published a paper “Levy Flight Strategy-based Tasmanian Devil’s Optimization and Autoencoder Approach for Intrusion Detection in Cloud Computing” in International Journal of IntelligentEngineering&Systems, Vol.18, No.2, 2025 DOI: 10.22266/ijies2025.0331.40

2024

1. Dr. S.Vasundra, H.Kanakadurga Bella, CSE,JNTUACEA, Published a paper “Healthcare Intrusion Detection using Hybrid Correlation-based Feature Selection-Bat Optimization Algorithm with Convolutional Neural Network” in International Journal of Advanced Computer Science and Applications, Volume15, No1,Page671-679,2024, <https://doi.org/10.14569/ijacsa.2024.0150166> (SCIE)
2. Dr. S. Vasundra, H. Kanakadurga Bella, CSE, JNTUACEA, Published a paper “A Novel Framework Based on Extra Tree Regression Classifier and Grid Search LSTM for Intrusion Detection in IoT and Cloud Environment” in International Journal of Intelligent Engineering & Systems, Volume17, No4, Page671-679, May 2024, DOI:10.22266/ijies2024.0831.39 (SCOPUS)
3. Dr. S. Vasundra, H. Kanakadurga Bella, CSE,JNTUACEA, Published a paper “Intrusion Detection Using Bat Optimization Algorithm and DenseNet for IoT and Cloud Based Systems” in International Journal on Artificial Intelligence Tools, Volume 33, No 2, May 2024, <https://doi.org/10.1142/S0218213023500653>(SCOPUS)

2023

4. Dr. S.Vasundra, H.Kanakadurga Bella, CSE, JNTUACEA, Published a paper “Intrusion Detection Using Pareto Optimality Based Grasshopper Optimization Algorithm with Stacked Auto encoder in Cloud and IoT Networks” in International journal of Intelligent Engineering Tools, volume 16,Issue 3,Page 269-279,March2023, DOI:10.22266/ijies2023.0630.21(SCOPUS)

5. Dr. S.Vasundra, GajulaMounika,CSE,JNTUACEA, Published a paper “Deep Learning Model for Vehicle Taillight Detection and Recognition in Autonomous Driving” in Interdisciplinary Journal of Neuro science and Quantum physics, volume 21, 179-184, Jan 2023. DOI:10.48047/NQ.2023.21.3.NQ33020, <https://www.neuroquantology.com/archives?volume=Volume%2021&issue=No%203>(SCOPUS)

2022

6. Dr. S.Vasundra, S. Aarathi, CSE, JNTUACEA, Published a paper “Fusion of Distribution Diversity Measures to Optimize Cross-media Features for Arrhythmia Prediction by Ensemble Classification” in Mathematical Statistician and Engineering Applications, VOL.71 No.4, August 2022, <https://doi.org/10.17762/msea.v71i4.1248>. (SCOPUS)
7. Dr. S. Vasundra, A. Balaram, CSE,JNTUACEA, Published a paper “A Hybrid Soft Computing Technique for Software Fault Prediction based on Optimal Feature Extraction and Classification” in International Journal of Computer Science and NetworkSecurity,VOL.22No.5,May2022, <https://doi.org/10.22937/IJCSNS.2022.22.5.50>. (Web Of Science)
8. Dr. S. Vasundra, A. Balaram, CSE,JNTUACEA, Published a paper “Software Fault Detection using Multi-Distinguished-Features Sampling with Ensemble Random Forest Classifier” in International Journal of Intelligent Engineering & Systems,Vol.15, No. 5, 2022, July 13,2022, DOI:<https://doi.org/10.22266/ijies2022.1031.43>, <https://inass.org/wp-content/uploads/2022/06/2022103143-2.pdf> (SCOPUS)
9. Dr. S. Vasundra, S.Aarathi, CSE, JNTUACEA,Published a paper “Supervised Learning by Correlating Electrocardiogram and Polysomnogram Features for Arrhythmia Prediction” in An Interdisciplinery Journal of Neuroscience and Quantum Physics, ISSN1303-5150,August2022,Page8558-8568, DOI:10.14704/nq.2022.20.10.NQ55839. (SCOPUS)
10. Dr. S. Vasundra, K. ArunKumar, CSE, JNTUACEA, Published a paper “A Deep Reinforcement learning for Medical Trajectory Data Clustering Type 2 Diabetes”, 2022-09-26,DOI:10.5281/ZENODO.7112309,<https://doi.org/10.21203/rs.3.rs-888442/v1>, <https://zenodo.org/record/7112309>. (SCOPUS)
11. Dr. S. Vasundra, G. Rajeswarappa, CSE, JNTUACEA, Published a paper “Hybrid Grasshopper and Improved Bat Optimization Algorithms-based clustering scheme for maximizing lifetime of Wireless Sensor Networks (WSNs)” in International journal of IntelligentEngineering&Systems,Vol.15,No.3,April4,2022, DOI:10.22266/ijies 2022.0 630.45,<https://inass.org/wp-content/uploads/2022/03/2022063045-1.pdf>. (SCOPUS)
12. Dr. S. Vasundra, R. Vasavi, CSE, JNTUACEA, Published a paper “An effective weather forecasting using Deep Long Short Term Memory network based on time-series data with Sparse FCM” in Engineering Optimization, SCI) , ISBN0305215X, 10290273,July14,2022,<https://doi.org/10.1080/0305215X.2022.2088741>, <https://www.tandfonline.com/doi/abs/10.1080/0305215X.2022.2088741> (SCI)
13. Dr. S. Vasundra, R. Vasavi, CSE, JNTUACEA, Published a paper “Deep Model based Classifier Working on Time Series Data to Provide Effective Weather Prediction” in

International Journal of Engineering Research & Technology (IJERT),ISSN: 2278-0181,Vol.11, Issue07, July-2022,<https://www.ijert.org/research/deep-model-based-classifier-working-on-time-series-data-to-provide-effective-weather-prediction-IJERTV11IS070055.pdf> (**SCOPUS**)

14. Dr. S.Vasundra, K. Neelima, CSE, JNTUACEA, Published a paper “Machine Learning-Based Business Rule Engine Data Transformation over High Speed Networks” in Computer Assisted in Engineer and Science, ISSN22993649, Sep12, 2022, <https://comes.ippt.pan.pl/index.php/comes/article/view/472>. (**SCOPUS**)
15. Dr.S.Vasundra, K.ArunKumar,CSE,JNTUACEA,Published a paper “A Novel Concept Specific Deep Learning for Disease Treatment Prediction on Patient Trajectory Data Model” in International journal of health sciences, Jan 06,2022,DOI: 10.53730/ijhs.v6ns1.8290,E-ISSN:2550-696X,ISSN:2550-6978, <http://dx.doi.org/10.53730/ijhs.v6ns1.8290>, <https://sciencescholar.us/journal/index.php/ijhs/article/view/8290>(**SCOPUS**)
16. Dr. S. Vasundra, K. Arun Kumar, CSE, JNTUACEA, Published a paper “Robust multifocus deep neural network for progression prediction on patient trajectory data” in International Journal of Intelligent Computing and Cybernetics, Vol. 15 No. 4, Sep 22,2022, pp. 589-598, ISSN:1756-378X,DOI 10.1108/IJICC-09-2021-0202 (**SCIE Indexed**)

2021

17. Dr.S.Vasundra, R.Vasavi, CSE,JNTUACEA, Published a paper “Development Of Polback-Based Ensemble Classifier Based On Heterogeneous Clustering” in Big Data Volume18,Number4,2021,Webology, <https://www.webology.org/abstract.php?id=1498>. (**SCOPUS**)
18. Dr. S. Vasundra, S. Aarathi, CSE, JNTUACEA, Published a paper “Machine Learning based pervasive analytics for ECG Signal Analysis” in International Journal of Pervasive Computing and Communications, IJPCC0320210080.R2. <https://doi.org/10.1108/IJPCC-0320210080> <https://www.emerald.com/insight/content/doi/10.1108/IJPCC-03-2021-0080/full/html>. (**SCI**)
19. Dr. S. Vasundra, S. Shameeda, CSE, JNTUACEA, Published a paper “Predictive Analysis of Heart Disease Based on Machine Learning Approaches” in International Journal of Future Generation Communication and Networking,(IJFGCN), Vol.14,No.1, (Dt:24/12/2021)ISSN:22337857,pp.50245043, <http://sersc.org/journals/index.php/IJFGCN/article/view/37674> (**Web of Science**)
20. Dr.S.Vasundra, A. Balaram,CSE, JNTUACEA, Published a paper “Prediction of software fault- prone classes using ensemble random forest with adaptive synthetic sampling algorithm” in Automated Software Engineering, Dt:29 November 2021, DOI:10.1007/s10515-021-00311-z <https://link.springer.com/article/10.1007/s10515-021-00311-z> (**SCI**)
21. Dr.S.Vasundra, G.Rajeswarappa, CSE, JNTUACEA, Published a paper “IOR- WSN: Intelligent and Optimized routing protocol to enhance the network lifetime of wireless sensor networks” in Design Engineering, 2021, Issue 03, ISSN: 0011-9342 , Pages:

865-886, <http://thedesigengineering.com/index.php/DE/article/view/5670> (SCIE INDEXED)

22. Dr.S.Vasundra,G.Rajeswarappa,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. Dt: Aug 16 2021, <https://doi.org/10.1007/s11277-021-08808-2>, <https://link.springer.com/article/10.1007/s11277-021-08808-2> (SCIE)

2020

23. Dr. S. Vasundra et al,CSE,JNTUACEA, Published a paper “Vector-Based Classification Prediction to Geographical Location” in International Journal of Future Generation Communication and Networking, Volume 13, Number 4, 1Jan2021, pp, 4174-4179. <http://www.sersc.org/journals /index.php /IJFGCN/ article/ view/ 3486 3> (Scopus)
24. Dr. S. Vasundra et al, 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” Volume13, Number4, 1Jan2021, pp:4210-4215.<http://www.sersc.org/journals/index.php/IJFGCN/article/download/34868/19315/> (Scopus)
25. Dr.S.Vasundra, R.Vasavi, 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 Volume 8, Number 3, Dt: 20-05-2020, ISSN: 2167-6461, a Mary Ann Liebert, Inc. DOI:10.1089/big.2019.0125,<http://www.jcreview.com/fulltext/197-1594075935.pdf?1609917631> (SCIE INDEXED)
26. Dr.S.Vasundra,S.Aarathi, CSE,JNTUACEA, Published a paper “Review of Contemporary Literature on Predictive Analysis for Arrhythmia Disease Detection” in Journal of Critical Reviews. ISSN-23945125, VOL 7, ISSUE 18,16thJune2020, <http://www.jcreview.com/fulltext/197-1594075935.pdf> (SCOPUS)
27. Dr.S.Vasundra,ShaikShaheenZahaba,CSE,JNTUACEA, Published a paper “Security Enforcement Framework for Collaborative Cloud Services” in GIS SCIENCE JOURNAL,ISSNNO:1869-9391,VOLUME7,ISSUE10,October2020, <http://gisscience.net/VOLUME-7- ISSUE-10-2020/> (SCOPUS).

2019

28. Dr. S. Vasundra, S. Aarathi, 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, <https://www.ijeat.org/wp-content/uploads/papers/v9i1s5/A10361291S52019.pdf> (SCOPUS)
29. Dr.S.Vasundra,M.SowmyaLakshmi,CSE,JNTUACEA, Published a paper “Enhanced Public Key Encryption with Keyword Search in Cloud” in International journal of Engineering Research & Technology, ISSNNO:2278-0181, Volume.8, Issues.8, Aug-

- 2019, <https://www.ijert.org/research/enhanced-public-key-encryption-with-keyword-search-in-cloud-IJERTV8IS080122.pdf>(**Scopus**)
30. Dr.S.Vasundra,C.Soundarya,CSE,JNTUACEA, Published a paper “Integrity Checking for Stored Data in Mobile Cloud Computing” in 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> (**Scopus**)
 31. Dr.S.Vasundra et al,CSE,JNTUACEA, Published a paper “Detecting Objects and Regions for Under water Images” in a JOURNAL OF COMPOSTION THEROY, ISSNNO:0731-6755, VolXII, IssueVIII, Aug-2019, , <https://www.ijert.org/research/integrity-checking-for-stored-data-in-mobile-cloud-computing-IJERTV8IS080121.pdf> (**Scopus**)
 32. Dr. S. Vasundra et al, CSE, JNTUACEA, Published a paper “Enhancing the Histogram Based Background subtraction for detecting & tracking the moving objects” in A JOURNAL OF COMPOSTION THEROY, ISSN NO:0731-6755, Vol XII, Issue VIII, Aug-2019. <http://jctjournal.com/gallery/49.%20jct%20-%20aug%202019.pdf>, (**Scopus**)
 33. Dr.S.Vasundra, S.Aarathi, CSE, JNTUACEA, Published a paper "Impact of Health care Predictions with Big Data Analytics and Cognitive Computing Techniques” in International journal of Recent Technology and Engineering. ISSN NO: 2277-3878, Volume-8 Issue-2. July 2019. DOI:10.35940/ijrte.B1804.078219, <https://www.ijrte.org/wp-content/uploads/papers/v8i2/B1804078219.pdf>(**Scopus**)
 34. Dr.S.Vasundra,RavuriV,RamaSubbareddyS,GovindaK,CSE,JNTUACEA, Published a paper “FACE RECOGNITION USING CASCADE ALGORITHM” in International Journal of Recent Technology and Engineering(IJRTE), Volume-8, Issue-2S4, Dt:01-07-2019, ISSN:ISSN:2277-3878. <https://www.ijrte.org/wpcontent/uploads/papers/v8i2S4/B11180782S419.pdf> (**Scopus**)
 35. Dr. S. Vasundra, A. Kousar Nikhath, S.Nagini, R.Vasavi,CSE, JNTUACEA, Published a paper “SCP-Design of Situated Cognitive Processing Model to Assist Learning Centric Approach for Higher Education in Smart Classrooms” in Advances in Intelligent Systems and Computing, Volume-1171, Dt:02-11-2019, ISSN:978-981-15-5399-8, DOI:10.1007/978-981-15-5400-1_63, https://www.researchgate.net/publication/343585260_SCP_Design_of_Situated_Cognitive_Processing_Model_to_Assist_LearningCentric_Approach_for_Higher_Education_in_Smart_Classrooms. (**Scopus**)
 36. Dr. S. Vasundra, G. Rajeswarappa, CSE, JNTUACEA, Published a paper “Energy Aware Routing Protocols for Wireless Mobile Adhoc Networks: A Review” in International Journal of Computer Sciences and Engineering, E-ISSN:2347-2693, Vol.-7, Issue-6, June 2019, DOI:10.26438/ijcse/v7i6.866872, https://www.researchgate.net/publication/335799245_Energy_Aware_Routing_Protocols_for_Wireless_Mobile_Adhoc_Networks_A_Review. (**Scopus and EI Compendex**)

2018

37. Dr.S.Vasundra, D.Venkatesh,CSE, JNTUACEA, Published a paper “Performance Evaluation of Routing Protocols For Voice and Video Traffics” in Asian Journal of Computer Science & Technology, ISSN:2249-0701,Vol-7,N0-3,Dec-2018, <https://www.trp.org.in/issues/performance-evaluation-of-routing-protocols-for-voice-and-video-traffics> (UGC approved)
38. Dr.S.Vasundra, T.Gowri, CSE, JNTUACEA, Published a paper “Sentiment analysis on Amazon Reviews Data” in International Journal of Computational Science and Engineering,ISSN:2347-2693,Vol.-6,Issue-5,May2018, https://www.ijcseonline.org/pdf_paper_view.php?paper_id=2099&167-IJCSE-03494-28.pdf (Scopus indexed) (UGC approved)
39. Dr. S. Vasundra, D. Venkatesh, CSE,JNTUACEA, Published a paper “CLASDN- An Extension in Networking for Efficient Multimedia Data Transmission” in International Journal of Computational Science and Engineering, ISSN: 2347-2693,Vol-6, ISSUE-11,Nov-2018.,DOI:10.26438/ijcse/v6i11.8388,https://www.researchgate.net/publication/330140480_CLASDN_An_Extension_in_Networking_for_Efficient_Multimedia_Data_Transmission (**Scopus**) (**UGC approved**)
40. Dr. S. Vasundra, D. RaghavaRaju, D.Venkatesh, CSE,JNTUACEA, Published a paper “Product Recommendation System Using Priority Ranking” in Artificial Intelligence and Evolutionary Computations in Engineering Systems. Advances in Intelligent Systems and Computing, Vol 668. Online ISBN 978-981-10-78628 (2018), DOI: 10.1007/978-981-10-7868-2_16,https://www.researchgate.net/publication/323865725_Product_Recommendation_System_Using_Priority_Ranking.[**Springer,Scopus**] (**UGC approved**)
41. Dr. S. Vasundra et.al,, CSE, JNTUACEA, Published a paper “Extraction of Interesting Variables from Disparate Data in Big Data Analytics” in Journal of Theoretical and Applied Information Technology,(JATIT) (**Scopus**),(**UGC approved**)
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28. Dr.S.Vasundra et al, "Detection of fraudulent usage in cellular mobile networks" at International trade & commerce–2010, Osmania University, Hyderabad.

National Conferences:

1. Dr.S.Vasundra et al, "Optimizing the performance of zone routing protocol" at "National conference on data mining & network security", NITC2009, S.V.University, Tirupathi.
2. Dr.S.Vasundra et al, "Emerging principles and practices of computer science & information technology" (EPPCSIT06) held onAugust18-19,2006,Organized by Department of computer science & information.

3. Dr.S.Vasundra et al, “A combined algorithm of cryptography and stenography to enhance network security” at National conference on Database management systems & networks on 8th and 9th September 2005.

Workshops Organized:

2020

1. Organized one day “Swachta Action Plan” Online workshop for family members of Higher Education Institution in Ananthapuramu, ATP (Online) on 7/6/2020 in association with MGNCRE A.P.
2. Organized online workshop “MEDITATION AND YOGA RETREATS” in collaboration with Art of Living Foundation ananthapuramu under Fit India Movement activity on 5th September 2020.

Workshops Attended:

2015

1. Attended one day workshop on “Start up 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, ANANTHAPURAMU 9th December 2015.
3. Attended workshop on “Awareness on Washington Accord for Outcome Based Education” JNTUACEA, ANANTHAPURAMU, 4th August 2015.
4. Attended workshop on Programming in c & data structures” conducted by JNTUCEA, ANANTHAPURAMU 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, ANANTHAPURAMU, 3rd March 2015.
7. Attended the “University Level NSS Youth Festival” at JNTU University Ananthapuramu and acted as Judge of the event at JNTUACEA, ANANTHAPURAMU 29th January 2016.
8. Attended national level workshop on “Campus Networking” held on November 5th and 6th 2015 in JNTUACEA Ananthapuramu.
9. Attended workshop on “Awareness on creating center of excellence” Conducted by JNTUACEA & JNTUA, JNTUACEA, ANANTHAPURAMU, 26th JUNE 2015.

2014

10. Attended a National level Technical Symposium of “PIXEL” and acted as a coordinator, JNTUACEA, ANANTHAPURAMU 29th March 2014.
11. Attended workshop on “IBMDB2 ACADEMIC ASSOCIATE” JNTUACEA, ANANTHAPURAMU, 19th and 20th December 2014.
12. Attended workshop on “Big Data & Analytics”. JNTUACEA, ANANTHAPURAMU, 27-30 November, 2014.
13. Attended workshop on “Bharath Operating System Solutions (BOSS)-Minimalistic Object Oriented Linux (MOOL)”, JNTUACEA, ANANTHAPURAMU, 16th and 17th October 2014.
14. Attended a National level Technical Symposium of “PIXEL” and acted as a coordinator, JNTUACEA, ANANTAPUR 29th March 2014.
15. Attended workshop on “IBMDB2 ACADEMIC ASSOCIATE” JNTUACEA, ANANTHAPURAMU, 19th and 20th December 2014.
16. Attended workshop on “Big Data & Analytics”. JNTUACEA, ANANTHAPURAMU, 27-30 November, 2014.
17. Attended workshop on “Bharath Operating System Solutions (BOSS)-Minimalistic Object Oriented Linux (MOOL)”, JNTUACEA, ANANTHAPURAMU, 16th and 17th October 2014.
18. Attended one day workshop on “Technology enhanced learning through NMEICT-implementation of spoken tutorial project “in collaboration with IIT Bombay, on 10th July 2014.
19. 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.
16. Attended one day workshop “engineering inner excellence” human values and professional ethics on 5th July 2014. JNTUA Ananthapuramu.

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., ANANTHAPURAMU, 30th September 2013.

2012

19. Attended workshop on “C & DATASTRUCTURES” acted as Judge and conducted by APSCHE & JNTUACEA, ANANTHAPURAMU, 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 ECEJNTUACEA 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, Ananthapuramu on December 27th 2011.
26. Attended workshop on "Science and Technology Exhibition", acted as Judge and conducted by JNTUACEA, ANANTHAPURAMU, 25th February 2011.
27. Attended One day workshop on "Advances in computing science" JNTUACEA, ANANTHAPURAMU 24th Feb 2011.

2010

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

2003

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

Training Programs short term/FDPs/Webinars/Seminars

Attended/Organized:

1. Attended Orientation/Refresher Programme on "Business Intelligence & Big Data Analytics" organized by SV college of Engineering (Autonomous), Tirupathi, Andhra Pradesh in association with AICTE-ISTE, from 09/12/2021 to 15/12/2021.
2. 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
3. Attended TEQIP-III Sponsored Webinar on online "ARE WE EDUCATED" organized by the Department of Computer Science and Engineering, JNTUACEA on 12/12/2020.
4. Attended TEQIP-III Sponsored "Big image data processing using deep learning techniques" organized by the Department of Computer Science and Engineering, JNTUACEA on 04th December, 2020.

5. Attended WEBINAR on "Boosting Immunity through Holistic Healthcare" organized by Lead India Foundation (USA) on NOV 11, 2020.
6. Organized a webinar "Food– Planet– Health" to mark 150th Birth anniversary celebrations of Mahatma Gandhiji in collaboration Veganout reach International Nonprofit Organization (NGO) Mumbai on 21/09/2020.
7. Attended "Webinar on online teaching Methods"– 13/05/2020ID: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 14/5/2020.
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 IT 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 impacts & 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 Shivaji raje 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 (6Days) 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 (5Days) on “Mentoring and facilitation Skills for Institutional mentors” from 27/5/2020 to 31/5/2020 organized by MGNCRE, Hyderabad.
28. 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.
29. Participated in Two day webinar on “Feature Generation Computing and Applications on 8th and 9th of August 2020.
30. Participated and has successfully completed a Quiz on AICTE’s E-learning Initiative during COVID-19.
31. Participated in Five Day National level Faculty Development Programme on “Artificial Intelligence” held from 22.05.2020 to 26.05.2020 organized 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.
32. Participated in One -Week Faculty Development Program on Mentoring and Facilitation Skills for Institutional Mentors’ May 27th to May 31st, 2020. Mahatma Gandhi National Council of Rural Education.
33. 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.
34. Organized online workshop on “International Day of Yoga” on 21/6/2020 for all NSS volunteers and faculty of JNTUA in Association with Arto fliving Ananthapuramu.
35. 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.
36. 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.
37. Participated in Five days FDP on “soft skills and personality development” sponsored by TEQIP-III, JNTUACEA, ANANTHAPURAMU, Dec 10th to Dec 14th 2018.

38. Acted as coordinator & Convener for the Faculty Development Programme on “Data Science”, jointly organized by TCS Hyderabad & JNTUACEA, Ananthapuramu from April 3rd and 4th 2018.
39. Acted as coordinator & Convener for the Faculty Development Programme on “Big Data Analytics”, jointly organized by TCS Hyderabad & JNTUACEA, Ananthapuramu from 20th to 22th February 2017.
40. Participated in Five days Course on “Handson Web Application & Web Penetration Security Course”, Tie Hyderabad & E2 labs Hyderabad, 30th MAY– 3rd JUNE 2016.
41. Organized Training programme on “Agile methodologies” conducted by JNTUACEA in collaboration with TCS company, JNTUACEA, Ananthapuramu on 25th February 2015.
42. Attended the complimentary Training/Orientation on “MATLAB, Simulink & Related Tool Boxes for Engineering Education” JNTUACEA, Ananthapuramu, 7th October 2015.
43. Participated in the Faculty Development Programme on “Entrepreneurship”, JNTUACEA, Ananthapuramu, 06th to 18th July 2015.
44. Attended Two Days Training Programme on “Bharath Operating System Solutions (BOSS)-Minimalistic Object Oriented LINUX (MOOL)”, JNTUACEA, Ananthapuramu, 16th & 17th October 2014.
45. Attended national seminar on “Recent Trends in networking & security” organized by department of CSE, JNTUACE, Ananthapuramu -515002, on 15th & 16th November 2013.
46. Attended three day Training programme on “INTERNET TECHNOLOGY” JNTUACEA, Ananthapuramu, 2nd and 4th January 2008.
47. Attended one Month “Orientation Course on value education” sponsored by UGC, JNTU UNIVERSITY, 17/01/2005-12/02/2005.
48. Attended short term training programme on “Internet and java” organized by the ISTE chapter, JNTU college of Engineering, Ananthapuramu from 9th august to 8th September, 2000.

Academic Details

Subjects & Courses Taken/Labs

Academic year	I Sem	II Sem
2024-2025	Design Patterns (B.Tech IV Year) Design Algorithms and Analysis Lab (B.Tech III Year)	Disaster Management (M.Tech) Design Patterns (MCA II Year) DBMS Lab (B.Tech II Year)

2023-2024		Disaster Management(M.Tech)
2022-2023	Research Methodology (M.tech- AI)	
2021-2022	Design Patterns (B.Tech IV year)	Research Methodology(M.tech-CS) Research Methodology (M.tech- AI) Problem solving and C Programming Lab(B.Tech I/I) Web Technologies Lab(MCA II/I)
2019-2020		Research Methodology(M.tech-AI) Research Methodology(M.tech-SE)
2018-2019	Software Architecture & Design Patterns(M.Tech-SE)	Research Methodology (M.tech-AI)Research Methodology (M.tech-CSE)Algorithms Lab(B.Tech-IIyear) DesignPatterns(B.Tech IV year)
2017-2018	Software Architecture(M.Tech–SE)	
2016-2017	OOPs Through C++Lab(M.C.A-I year)Data Structures through C++ Lab(M.C.A-I year) Data structures & Databases Lab (M.Tech-I year)	Design Patterns (B.Tech IV year)Linux Programming (M.C.A II year,IV sem) Linux Programming Lab(M.C.AII year,IV sem)

a. B.Tech Projects Guided

S. No	Admission No	Title of the Project	Year
1	21001A0507 21001A0516 21001A0554	Website Which used to Detect Phishing Attack	2024
2	18001A0516 19005A0513 19005A0517	Crop Prediction Using Machine Learning	2022

3	18001A0535	Placements app (title yet to modify)	2022
	19005A0536		
	19005A0503		
4	17001A0533	Blood Donation	2021
	17001A0542		
	17001A0539		
5	17001A0502	Detecting and Classifying Fetal Brain Abnormalities	2021
	17001A0504		
	18005A0512		
6	16001A0523	Skin disease detection using deep learning	2020
	16001A0525		
	16001A0533		
7	16001A0507	Machine Translation using deep learning	2020
	16001A0545		
	17005A0506		
8	15001A0538	IOT Based vehicle tracking system	2019
	15001A0554		
9	15001A0542	Alumni Information System	2019
	15001A0543		
10	15001A0557	AI Based college enquiry chat bot system	2019
	15001A0550		
11	14001A0507	Educational app for computer science concepts	2018
	14001A0513		
12	14001A0506	Interview review system	2018
	14001A0505		
13	14001A0539	College examination protocol	2018

	14001A0540		
14	14001A0515 14001A0517	Android application for CSE tutorials	2018
15	13001A0502 13001A0545	Android application for attendance management system	2017
16	13001A0517 13001A0531	Social networking website for smart connection with Alumni	2017
17	13001A0553 1300A0507	Examination results portal	2017

b.M. Tech Projects Guided

S.No	Admission No	Title of the Project	Year
1	20001D5117	Stress Detection in IT Professionals by Image Processing and Machine Learning	2024
2	20001D5112	Deep Learning Models-Byusing Vehicle Tail Light Detection and Recognition in Autonomous Driving	2022
3	20001D5201	Authority Access Control on Health Care Record Management System.	2022
4	20001D5109	Providing Security for Shopping Preference using differential Transaction Scheme	2022
5	19001D5303	Predictive analysis of Heart Disease Based on Machine Learning Approaches	2021
6	19001D5309	Identifying Crop Types in Agricultural Land Using Deep Learning Techniques	2021
7	19001D5119	Differentiating and Shortlisting Unauthorized Exteremist Reviews	2021
8	19001D5203		2021

9	18001D5401	Unified and innovative route prediction using big data trajectory clustering	2020
10	18001D5409	Vector based classification prediction to geographic allocation	2020
11	18001D5408	High Randomness key generation based on Shallow fading correlation	2020
12	18001D5203	Detection of traffic information from social media texts	2020
13	17001D5204	Integrity Checking for Stored Data in Mobile Cloud Computing	2019
14	17001D5217	A Secure Multi-Keyword Search Over Encrypted Data In Mobile Cloud Computing	2019
15	17001D5206	Enhanced Public Key Encryption with Keyword Search in Cloud	2019
16	17001D5412	Enhancing the Histogram Based Background subtraction for detecting & tracking the moving objects	2019
17	17001D5401	Detecting objects and regions for under water images	2019
18	17001D5111	An Adaptive Dynamic Mechanism for Service Integration In CoT	2019
19	16001D5301	Sentiment Analysis on Amazon review data	2019
20	16001D5401	Improving cloud storage area by implementing an oval compression mechanism in cloud Environment	2018
21	16001D5402	Secure Fuzzy keyword search using a multi-owner paradigm in cloud environment	2018
22	16001D5209	Predicting the treatment time in hospitals using IRF Scheduling Algorithm	2018
23	16001D5108	Malware detection in APP stores using content integrity verification	2018
24	16001D5202	Search based web service and business process anti pattern detection	2018
25	16001D5201	Enhancing Data Security with De-Duplication Using Key Exchange Protocol	2018

26	16001D5113	Keyword search on hyper graph databases.	2018
27	16001D5201	Key exchange protocol	2018
28	15001D5129	A Secure Scalable and Efficient Access Control Using Public Verifiable Schema in Cloud Computing	2017
29	15001D5304	A Fuzzy C-Means Based Feature Selection to process Medical Data	2017
30	15001D5307	Video Streaming Over IEEE 802.11e	2017
31	15001D5207	Model-based Integration and System Test Automation for Software Systems	2017
32	15001D5113	Enabling Secure Data Sharing Scheme in the Cloud Storage Groups	2017
33	15001D5230	Automatic Detection of Failures and Anomalies Using Metamorphic Relations for Search Engines	2017
34	15001D5223	Load Balancing through Multipath Selection Mechanism for Big Data Centers in clouds	2017
35	12001A0510 12001A0533	Privacy policy inference of user-uploaded images on content sharing sites	2016
36	12001A0528 12001A0550	Reverse nearest neighbors in unsupervised distance basedOutlier detection	2016
37	12001A0552 12001A0532	Content-Based diversification of keyword queries over XML Data	2016
38	14001D5115	Optimized Job scheduling with on-demand Dynamic Fine-Grained pricing scheme for IAAS cloud platform	2016
39	14001D5101	Dynamic facsimile Recognition in scalable databases	2016
40	14001D5120	Secure proactive source routing for wireless networks	2016
41	14001D5221	Enhanced cashma for dynamic user identity and secure authentication over ICT systems	2016
42	14001D5215	A novel approach for detecting DOS attacks using polymorphic behavior in cloud computing	2016

43	14001D5307	Incorporating location based remainders and friend locators in to geo-social app	2016
44	14001D5305	A hybrid secure intrusion detection scheme for key-recovery attacks	2016
45	14001D5106	Detection of malicious packet dropping attacks in wireless adhoc networks using enhanced HLA scheme	2016
46	14001D5117	Performance evaluation of network assisted device discovery for LTE-Based device to device communication system	2016
47	14001D5208	Development of a GUI code based on lab view for the evaluation of solid propellant burning rate by ultrasonic technique	2016
48	14001D5107	Implementing integrated web-data services to promote telemedicine database management system	2016

c. MCA Projects Guided

S. No	Admission No	Title of the Project	Year
1	23001F0016	UPI Fraud Detection Using Machine Learning	2024
2	23001F0027	Securing Digital Banking Transactions with Advenced Fraud Detection Techniques	2024
3	23001F0048	Smart Phone Addiction: Predicting with Machine Learning	2024
4	19001F0009	Medical Image Classification Using Convolution Neural Network Algorithm	2022
5	19001F0004	Prediction of Heart Disease using Machine Learning	2022
6	19001F0033	Currency Fake Note Detection System Based on CNN Algorithm & Image Processing	2022
7	18001F0006	Predicting House Prices Using gradient Boosting Algorithm	2021
8	18001F0014	An Android App face detection using mobile vision for ATM machine	2021
9	18001F0017	Supermarket sales prediction using machine learning algorithms, Random forest, Decision Tree	2021

10	18001F0032	Credit card Fraud Detection using Machine Learning Algorithms	2021
11	18001F0037	Fraud detection in Health care Insurance Funds	2021
12	17001F0046	Grama panchayth service	2020
13	17001F0015	On Road vehicle break down assistance	2020
14	17001F0045	Providingsecurecloudstoragebyusingattributebasedtemporary keywordsearchscheme	2020
15	17001F0009	A framework and analysis of road accidents	2020
16	17001F0025	Group data sharing in cloud computing	2020
17	16001F0005	An Android application for online Examination system	2019
18	16001F0025	An android application for Women safety	2019
19	16001F0026	An Android application for Pharmacy Management system	2019
20	16001F0035	A Tutorial App for master of computer application	2019
21	16001F0039	An Android application for School Management	2019
22	15001F0026	An Android Application For Location Based Alarm	2018
23	15001F0016	Scheduling SMS Android Application	2018
24	15001F0030	An Android Application For Mobile Theft	2018
25	15001F0033	An Android Application For GPS Transport Packers And Movers	2018
26	15001F0050	E-Doctor Appointment	2018
27	15001F0016	An Android Application For Scheduling SMS	2018
28	15001F0020	Defect Tracking & Bug Fixing System	2018
29	15001F0054	Advanced Mail Drop Monitoring And Customized Filtering Software	2018
30	15001F0034	Blue pages: software as a service dataset	2018
31	15001F0020	Detect tracking and bug fixing system	2018
32	15001F0036	An Android Application student Attendance Tracking System	2018

33	14001F0023	Providing security to information by using cryptology	2017
34	14001F0031	Online rental system	2017
35	14001F0026	Department activity portal	2017
36	14001F0001	Secured cybernetic protector in secret Intelligence agency	2017
37	14001F0006	Rectification of texture passwords by using pass matrix	2017
38	14001F0021	A secure platform for multiple access control system	2017
39	14001F0033	E-filling of income tax returns	2017
40	14001F0005	Cargo Management system	2017
41	14001F0031	Online Rental system	2017
42	13001F0010	Case management for investigation process	2016
43	13001F0005	Developing web application on corruption control through budget maintenance	2016
44	13001F0008	Trusty URI'S: Verifiable, immutable and permanent digital Artifact for linked data	2016
45	13001F0048	Passive IP-Trace back security model for internet protocols	2016
46	13001F0003	Cipher text-policy attribute-based encryption for data privacy in military networks	2016

d. PhD scholars

S. No	Admission No	Title of the Research work	Research Status
1	15PH0516	A model to analyze the heterogeneity issues of Big Data	Completed
2	15PH0518	Big data health care analytics on clinical datasets using predictive analysis	Completed
3	16PH0501	A software model for reliable decision making process by integrating the sustainability.	Completed
4	16PH0504	Design a energy efficient routing protocol for wireless sensor networks.	Completed

5	17PHI0502	Nobel methodology in Data mining & prediction using Deep Learning.	Completed
6	17PHI0507	Development and application of a novel clustering framework for trajectory data mining.	Completed
7	18PH0507	Summarization large text collection using cluster based on Map reduce framework.	Ongoing
8	18PH0514	Robotic process Automation as a service in Cloud Computing.	Ongoing
9	19PH0534	Improving the performance security and QoS in mobile adhoc networks.	Ongoing
10	19PH0526	Performance improvement for various applications using real Time big data computing.	Ongoing
11	22RD2P0501	Machine Learning	Ongoing
12	22RD2P0510	Big Data	Ongoing
13	23PH0502	Artificial Intelligence	Ongoing

Social Activities:

1. Regular contributor for JEEVANI ORPHANAGE FOR CHILDREN at Anantapur.
2. 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.,
3. Regular contributor for SAVETHE GIRL CHILD Organization, GOVT OF INDIA.
4. Regular contributor for World Vision India Organization, GOVT OF INDIA.
5. Regular contributor for Sri Guru Raghavendra Orphanage, Prasannayapalli, Anantapur District A.P.
6. Regular Contributor for Child Vision Foundation (Save child & make Future) NGO Mumbai recognized by Govt of India.

**Dr.S.Vasundra,
Professor, Dept of CSE
&
Vice Principal,
JNTUACEA,
Ananthapuramu,
Andhra Pradesh**