

Biodata

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➤ **Educational Qualifications:**

- ◆ **Ph.D.**,2013(Computer Science and Engineering)
(Title: Texture Synthesis and Classification for Stochastic Texture Model Recognition and Matching)**J.N.T. University Hyderabad.**
- ◆ **M.Tech.**1998(Computer Science and Engineering) First class with distinction from **J.N.T. University Hyderabad**
- ◆ **M.Sc.** 1989 (Physics) First class, **S.K.University, Anantapur**

➤ **Teaching Experience: 23 years**

- ◆ **University Associate Professor of Information Technology, JNT University Hyderabad from**(July 2010-july 2016)
- ◆ **Information Scientist ,JNT University Hyderabad** from Oct 2000 to June 2010

➤ **Professional Experience:**

- ◆ **Director, Directorate of Admissions, JNTU Hyderabad** (Jan-2023–Till date)
- ◆ **Deputy Director, University Academic Audit Cell** (Dec-2021 -Jan-2023)
- ◆ **Additional Controller, JNTUH, Examination branch** (Nov-2016 –Dec-2021)
- ◆ **Course Coordinator for M.Tech(Software Engineering)SIT, JNTUH**(2010-2016)
- ◆ **In charge for Part time Post Graduate Programs M.Tech(CSE), SIT, JNTUH**(2013- 2017)
- ◆ **Course Coordinator for M.C.A School of Continuing Distance Education JNTUH**(2012-2015)

- ◆ **Hostel Manager for PG Boys hostel, JNTUH**(Nov-2012- Till date)
- ◆ **Member, Staff**(Prof, Associate Prof, Asst. Prof.)**Selection Committee** for JNTUHyderabad
- ◆ **Convener and Member, AffiliationCommittee forAffiliating various Engineering Colleges** under JNTU Hyderabad
- ◆ **Convener and Member, Autonomous Committee forvarious Autonomous Engg. Colleges** under JNTU Hyderabad
- ◆ **Member, Governing Body for Affiliated Engg. Colleges** under JNTU Hyderabad
- ◆ **Member for Board of Studies for Autonomous Engg. Colleges** under JNTU Hyderabad and JNTU Anatapur
- ◆ **Member, Academic Council for AutonomousEngg Colleges** Under JNTU Hyderabad
- ◆ **Governing Body Member for AutonomousEngg Colleges** Under JNTU Hyderabad
- ◆ **Member, Grievance RedressalCommittee for Affiliated Engg Colleges** under JNTU Hyderabad
- ◆ **Member, Result Processing Committee for Autonomous Engineering Colleges** under JNTUHyderabad
- ◆ **Chairman, Convener and Member for various committees in JNTUH**

➤ **Research Experience:**

Ph.D. students Guided: 1

<u>Name of the Candidate</u>	<u>Title of Research</u>
1. N.Arjun	Tracking and Estimating The Trajectory of An Object After collision using Kalman Filter

Ph.D. students under Guidance: 5

<u>Name of the Candidate</u>	<u>Title of Research</u>
1. DevakishanAdla	An Integrated Computational approach for Skin Cancer Detection Transfer Learning and Deep Learning Frame works
2. A.Niranjana	Enhancing The Security In Intelligent IOT payments systems
3. G Lavanya	Facial Expression Recognition Using Integrated approaches to Derive Interactive and Behavioural aspects
4. P.Ajay Kumar	Implementation Of Digital Steganography Using Image Files
5. K. BalakrishnaMaruthiram	Object Detection and Localization Under Adverse Environmental Conditions
6. M.VijayaShanthi	An Effective Image Retrieval Approach Using Regional and Local Texton Features

M.Tech. Students Guided : 105

Patents published/awarded: 3		
Patent Details	Patent status Published and Date	Patent Number
ICDN- Object Detection System: Intelligent Object Detection system With ImageClassification and Deep Neural Networks	Published 13/11/2020	202041047669
Machine learning model for predicting severityprognosis inpatient infected with covid-19	Published 13/08/2021	202141032115
Identification of missing person/criminal/if any based on Internet of things(IOT) and Deep Learning Techniques	Published Dt. 09/10/2020	202041042967

➤ **Research Publications**

Journal Papers published :

International Journal Papers :76

Papers presented in Conferences

International Conference :8

National Conference : 2

International Journal Papers :

1. Hiding Technique in Image Processing using DCT , IJAC, International Journal of Advanced Computing, pp.124-129, International Journal of Advanced Computing, vol:2, issue:3, July 2010 , ISSN 0975-7686
2. Morphological Texture Synthesis Algorithm Using Pixel and Patch Based Approach, pp.1-4, International Journal of Scientific & Engineering Research, Volume 3, Issue 2, February-2012, ISSN 2229-5518, peer reviewed I.F : 3.8 **UGC (48880) approved**
3. Texture Synthesis based on image resolution enhancement using wavelet transforms , pp.60-64, International Journal of Computer Science and Information Security, Vol. 10, No. 4, 2012, ISSN: 1947-5500, peer reviewed
4. A Novel Texture Synthesis Algorithm Using Patch Matching by Fuzzy Texture Unit, pp.79-86, International Journal on Computer Science and Engineering, Vol. 4 No. 01 January 2012, ISSN : 0975-3397, peer reviewed
5. An efficient framework oriented slicing strategy of data partitioning, International Journal of Engineering & Science Research, IJESR/August 2013/ Vol-3/Issue-8/4640-4642, ISSN 2277-2685, I.F 3.47 **UGC (63533) approved**
6. An effectual content sharing scheme intended for delay-tolerant networks, pp.2013-2018, IJRRECS/February 2014/Volume-2/Issue-2/2013-2018, ISSN 2321-5461, I.F 2.53
7. An efficient horizontal design intended for organizing data sets in sqlpp 1917-1922, IJRRECS/February 2014 /Volume-2/Issue-2/2013-2018, ISSN 2321-5461, I.F 2.53
8. A Survey on Migration from one Cloud to another Cloud using Meta Cloud, pg.29-31, IJSAT, Vol. 4, Issue. 4, April 2014, ISSN 2221-8386
9. A Survey on Spam Filtering for Online Social Networks , pg.1130 – 1135, IJCSMC, Vol. 3, Issue. 4, April 2014, ISSN 2320–088X, I.F:5.258 **UGC (43697) approved**
10. Review of XML Parallel Parsing Techniques, pg.1149 – 1154, IJCSMC, Vol. 3, Issue. 4, April 2014, ISSN 2320–088X, I.F:5.258 **UGC (43697) approved**

11. A survey of attacks on PHP and web vulnerabilities, pg.207 –214 ,IJRCAR, Vol. 2, Issue. 4, April 2014, ISSN :2320-7345, I.F : 2.47
12. A Review on proxy based dynamic data outsourcing multiclouds, pg.18-22,IJRCAR, Vol. 2, Issue. 7, July 2014, I.F : 2.47
13. Providing security to multi owner groups in cloud, Pg.: 172-179,IJRCAR,Vol.2 Issue 8, August 2014,ISSN 2320-7345, I.F : 2.47
14. A new approach to dynamic data outsourcing in multiclouds using proxies, Pg.: 18-23,IJRCAR,Vol.2 Issue.9, September 2014,ISSN 2320-7345,I.F : 2.47
15. A solution to PHP code injection attacks and web vulnerabilities, Pg.: 24-31,IJRCAR,Vol.2Issue.9,September 2014,ISSN 2320-7345,I.F : 2.47
16. Protecting large Cloud Data as a Service, Pg.: 43-46,IJRCAR;Vol.2 Issue.9, September 2014,ISSN 2320-7345,I.F : 2.47
17. Directional Correlation-Dependent Filtering Technique for Removal of Impulse Noise, pp.85-92,IJSIP, Vol.7, No.4 (2014),ISSN: 2005-4254, Indexed
18. Artificial Immune Systems: A Predictive Model for credit scoring,IJSER,Volume5, Issue 8,August-2014,ISSN 2229-5518,I.F 3.8**UGC (48880) approved**
19. A Clustering and Fuzzy Logic Based Intrusion Detection System,IJSER, Volume5, Issue 6, August -2014, ISSN 2229-5518, I.F 3.8**UGC (48880) approved**
20. A Survey on FEC Based Packet Loss Recovery Technique in Networks, pg. 190-195,IJCSMC Vol.3,Issue.8, August- 2014,ISSN 2320–088X, I.F : 5.28**UGC (43697) approved**
21. Implementing software IPTV with WOWZA Server,pp. 127-132,IJCSMC Vol.3,Issue-10.October-2014,ISSN 2320–088X, I.F : 5.28**UGC (43697) approved**
22. Performance Evaluation of Hadoop Distributed File System and Local File System, pg. 1174-1183,IJSR,Volume 3 Issue 9, September 2014,ISSN 2319-7064, I.F : 3.358
23. A Study on Leakage of Private Information in Social Networks and its Preventive Measures,Pg 46-49,IJISSET,Vol.1,Issue7, September 2014.,ISSN 2348 – 7968,I.F 4.32
24. Web User Interface of Hadoop Distributed File System pg. 475-483,IJSR,Vol.3,Issue10, October 2014,ISSN 2319-7064, I.F : 3.358
25. Novel Design and implementation of cross Domain Privacy-preserving Firewall optimization pg. 1-4,IJCTT, vol. 22, Issue 1, April 2015,ISSN 2231-2803, I.F : 1.4
26. Efficient compression of encrypted images via prediction error clustering,pg : 176-180,IJTSR, Vol.5, Issue1, August 2015,ISSN2319-9245,I.F : 3.41
27. Hadoop Distributed File System and Map Reduce Processing on Multi-Node Cluster, Pg : 1424-1430,IJSR, Vol.4,issue 8,August 2015,ISSN 2319-7064,I.F : 4.4 , Index Copernicus6.1
28. Correlation Rules in Event Correlation andManagement Framework, Pg: 39-45,IJRIT,Volume3, Issue 8, August 2015,ISSN 2001-5569, I.F : 2.094**UGC(62743) Approved**
29. WLAN Troubleshooting and Diagnostics FrameworkPg : 46-51,IJRIT,Vol.3, Issue8, August 2015,ISSN 2001-5569,I.F : 2.094**UGC(62743) Approved**
30. Protecting the Finger Print Template by Fusion ofRidges and Texture,pp : 2106-2110,IJCSIT, Vol. 6,issue 3 , 2015,ISSN 0975-9646, I.F : 3.32

31. Feasible Path finding for different transport modality using A-Star algorithm, International Journal of Computer Techniques, August-2015, ISSN :2394-2231, <http://www.ijctjournal.org>
32. Security Enhancements for Finger Print Templates on Minutiae, Pg: 4151-4153, IJCSIT, Vol. 6 , issue 4 , 2015, ISSN 0975-9646, I.F : 3.32
33. Data Detection and Distribution in WSNS by Using Didrip Technique, IJRAET, Vol. 5, issue3 May 2016, Open Access, I.F 3.45
34. RFID Management in libraries pp.17-23, journal of Library and Information Science , Vol.2, issue No.4 Oct-Dec 2008,,ISSN: 0973-7081
35. Reliable De-Duplication Approach to detect and Eliminate data redundancy and finding the sweet Spot through delta compression, International Journal of Innovative Research in Science Vol. 6, issue 8, august-2017, ISSN 2319-8753, **UGC approved** , I.F 6.2
36. Automatically mining facets for queries from their search results, International Journal of Advanced research trends in engineering and technology ,Vol. 4, issue 17 march-2017,ISSN-2394-3785,**UGC(62695) approved**
37. "A Novel Keyword cover search using Apriori algorithm", International Journal of Research ,Vol, 3, issue No. 17-Nov-2016,**ISSN-2348-795X** ,peer reviewed

38. Survey on Recent Advances in Content Based Image Retrieval Techniques, Journal of Innovation in Computer Science and Engineering, 2018, Volume : 7, Issue : 2, Print ISSN : 2278-0947. Online ISSN : 2455-3506. **UGC(48908) approved**

39. Data validation for detect anomalies specially in data fed into Machine Learning pipelines, International Journal of Research vol. 8, issue 6 june-2019, ISSN : 2236-6124, I.F 5.7, **UGC (63072) approved**
40. Detection and Tracking of an Object in a Video Sequence Using Kalman Filter, International Journal for Research in Engineering Application & Management (IJREAM) ,Vol-05, Issue-02, May 2019, ISSN : 2454-9150 **Scopus Indexed**
41. Moving Object Detection and Tracking under Different Occlusion Conditions in Video Sequences, International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume-8 Issue-11, September 2019, ISSN: 2278-3075, **Scopus Indexed**, <https://doi.org/10.35940/ijitee.K1951.0981119>
42. An Efficient Parallel and Distributed Algorithm on Top of MapReduce, International Journal of Innovative Technology and Exploring Engineering (IJITEE), 2019, Volume-8 Issue-10, ISSN: 2278-3075. **Scopus Indexed**, <https://doi.org/10.35940/ijitee.j9075.0881019>
43. Energy efficient using MILP for peers virtualization framework, Dec.2020 IJCRT | Volume 8, Issue 4 December 2020 | ISSN: 2320- 2882, **UGC(49023) approved**
44. Intelligent intrusion detection system using deep neural networks –dec-2020, IJCRT | Volume 8, Issue 12 December 2020 | ISSN: 2320-2882, **UGC(49023) approved**
45. An Optimization Based deep LSTM Predictive Analysis for Decision Making in Cricket, Innovative Data Communication Technologies and Application, Feb-2021 pp 721-737 **Springer**

46. An Effective Content and Network Analysis on Internet to Identify and rate Digital Misinformation , IJCRT | Volume 8, Issue 10 October 2020 | ISSN: 2320-2882,**UGC(62695) approved**
47. SPATIAL INVERTED INDEX BY USING FAST NEAREST NEIGHBOR SEARCH,international journal of professional engineering studies Volume vi /issue 4 / Aug 2016
48. A SURVEY ON RANK-BASED SIMILARITY SEARCH USING RANK COVER TREE international journal of professional engineering studies volume vii /issue 1 / sep 2016
49. A Survey on Spatial Domain Image Enhancement Techniques, International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; Volume 6 Issue IV, April 2018- SJ Impact Factor: 6.887 ,Available at www.ijraset.com<https://doi.org/10.22214/ijraset.2018.4054>,**UGC(44382) approved**
50. Deep learning-based computer aided diagnosis model for skin cancer detection and classification, Distributed and Parallel Databases, (**Springer**), **Scopus indexed**, August 2021, <https://doi.org/10.1007/s10619-021-07360-z>
51. Comparison of Kinetic Energies of Caffeine Analogs in Two Different Systems, International Journal of Recent Trends in Engineering & Research (IJRTER) ,ISSN:2455-1457,**UGC(63398)O Approved**,Volume 03, Issue 09; September–2017,DOI: 10.23883/IJRTER.2017.3433.QEMAP
52. Improving Performance and Clustering Quality Using Shared Density of Micro Clusters on Data Streams, International Journal of Innovative Research in Science, Engineering and Technology, ISSN : 2319-8753, Vol. 6,Issue 8, August 2017,**UGC approved**,OI:10.15680/IJRSET.2016.0608204
53. Visually Enticing Desktop apps using Web Technologies, International Journal Of Research In Information Technology, ISSN :2001-5569,Volume 5, Issue 6, June 2017, Pg. 01-03,**UGC(62743) Approved**
54. Object Tracking Using Moderate Derivative Gain Kalman Filter, Sustainable Communication Networks and Application, Sept -2019, **Springer**,https://doi.org/10.1007/978-981-16-6605-6_44
55. COVID-19 FUTURE FORECASTING USING SUPERVISED MACHINE LEARNING MODELS,International journal for Innovative Engineering and Management Research, ISSN 2456 – 5083,November-2022,Volume 11, ISSUE 10, Pages: 59-66**Elsevier**,DOI: 10.48047/IJIEMR/V11/ISSUE 11/09,
56. CUSTOMISED MARKET BASKET ANALYSIS USING MACHINE LEARNING,International journal for Innovative Engineering and Management Research,ISSN 2456 – 5083,November-2022,Volume 11, ISSUE 11, Pages: 149-153,**Elsevier**,DOI:10.48047/IJIEMR/V11/ISSUE 11/24, <https://ijiemr.org/public/uploads/paper/154821669981598.pdf>
57. SSO: A Hybrid Swarm Intelligence Optimization Algorithm,Computational Vision and Bio-Inspired Computing, March 2022,**Springer**,<https://link.springer.com/book/10.1007/978-981-16-6605-6>

58. DECISION TREE AND SUPPORT VECTOR MACHINE FOR ANOMALY DETECTION IN WATER DISTRIBUTION NETWORKS, International journal for Innovative Engineering and Management Research,ISSN 2456 – 5083,December-2022,Elsevier,DOI: 10.48047/IJIEMR/V11/ISSUE 12/24
59. FRUIT COUNTING ON TREE FOR AUTOMATIC INVENTORY MANAGEMENT USING MACHINE LEARNING, International journal for Innovative Engineering and Management Research,ISSN 2456 – 5083,December-2022,Volume 11, ISSUE 12, Pages: 340-349, Elsevier,DOI : 10.48047/IJIEMR/V11/ISSUE 12/46
60. PREDICTIVE ANALYSIS OF CAB SERVICES USING PYTHON,IJIEMR,ISSN 2456 – 5083,November-2022,volume 11, ISSUE 11, Pages: 145-148,Elsevier, DOI:10.48047/IJIEMR/V11/ISSUE 11/23
61. SPAMMER DETECTION AND FAKE USER IDENTIFICATION ON TWITTER USING MACHINE LEARNING ALGORITHMS, IJIEMR,ISSN 2456 – 5083,November-2022,Elsevier, Volume 11, Issue 12, Pages: 253-259DOI: 10.48047/IJIEMR/V11/ISSUE 12/34
62. STOCK MARKET PREDICTION USING DEEP LEARNING, IJIEMR,ISSN 2456 – 5083,Decemberr-2022,Volume 11, ISSUE 12, Pages: 118-126, Elsevier,DOI : 10.48047/IJIEMR/V11/ISSUE 12/18
63. SURVIVAL RATE OF PATIENTS USING 3D CNN AND LSTM ON LUNG NODULES,IJIEMR,ISSN 2456 – 5083,November-2022, Volume 11, ISSUE 11, Pages: 134-138,Elsevier,DOI: 10.48047/IJIEMR/V11/ISSUE 11/21
64. TRACKING AND PREDICTING STUDENT PERFORMANCE IN ACADEMICS USING MACHINE LEARNING APPROACH,IJIEMR,ISSN 2456–5083,December-2022,Volume 11, Issue 12, Pages: 244-252, Elsevier,DOI: 10.48047/IJIEMR/V11/ISSUE 12/33
65. Magnitude-Based Twin Texton Co-occurrence Matrix for Image Retrieval, Journal of Theoretical Applied Information Technology, E-ISSN1817-3195,JUNE 2022,**Scopus Indexed**,<http://www.jatit.org/volumes/Vol100No11/13Vol100No11.pdf>**UGC(11368) approved**
66. C-STCM: Image Retrieval using Color Based Stretched Text on Co-Occurrence Matrix, Design Engineering, JULY 2021, ISSN: 0011-9342,Non-referred
67. IMAGE RETRIEVAL USING COLOR AND STRETCHED TEXTONS OF RULE BASED MOTIF, Journal of Theoretical Applied Information Technology, E-ISSN1817-3195, December-2022,**Scopus Indexed**,<http://www.jatit.org/volumes/Vol100No23/6Vol100No23.pdf> **UGC(11368) approved**
68. An Event-Independent Classifier for Filter OUT Communal Tweets Early,Journal of Engineering Science ,ISSN 0377-9254, March-2020, **UGC(20466) Approved**,<https://jespublication.com/upload/2020-110325.pdf>
69. Optimization Information Leakage in Multicloud Storage Services, Journal of Emerging Technologies and Innovative Research, 2349-5162,JUNE -2020,**UGC(63975)Approved**,<https://www.jetir.org/papers/JETIR2006454>

70. Using Natural language Processing and Machine Learning Techniques for identifying On-Site Accidents, International journal of analytical and experimental modal analysis,0886-9367, October-2021,**UGC(36272) Approved**, DOI:18.0002.IJAEMA.2021.V13I10.200001.01568590939
71. Detecting Social Media Influencers Using Machine Learning Algorithms, International journal of analytical and experimental modal analysis,0886-9367, December-2021,**UGC(36272) Approved**,DOI:18.0002.IJAEMA.2021.V13I12.200001.0156859327
72. Music Recommendation System based on Human Emotions, International journal of analytical and experimental modal analysis,0886-9367, December-2021,**UGC(36272)Approved**,DOI:18.0002.IJAEMA.2021.V13I12.200001.0156859328
73. Fake product Review detection using Machine Learning Algorithm, International journal of analytical and experimental modal analysis, 0886-9367, December-2021,**UGC(36272) Approved**, DOI:18.0002.IJAEMA.2021.V13I12.200001.0156859276
74. Thyroid Disease Prediction And Providing Medication Using Machine Learning,International Journal of Creative Research Thoughts (IJCRT),2320-2882,November-2022,**UGC(49023) Approved**, DOI:10.6084/m9.doi.one.IJCRT2211469
75. Quantifying Covid-19 content in the online Health Opinion War Using Machine Learning, International journal of analytical and experimental modal analysis, August-2021,0886-9367,**UGC(36272) Approved**, DOI:18.0002.IJAEMA.2021.V13I8.200001.01568590566
76. A full-resolution convolutional network with a dynamic graph cut algorithm for skin cancer classification and detection,Healthcare Analytics ,Open access , Jan-2023,**Elsevier(Science Direct)**,<https://doi.org/10.1016/j.health.2023.100154>

➤ **Papers presented in Conferences :**

International Conferences:

1. "An efficient approach for improvement of packet scheduling algorithm ",Sustainability of Digital Libraries ICDL-2014, JNTUH, International conference
2. "Comparison of Eigen SVD and FSVD Data representation Methods." International Conference on Systemics, Cybernetics and Informatics ICSCI-2011 During 5th to 8th Jan 2011,Pentagon Research Centre, International conference
3. "Development of Evidence Classifier Using Hybridization Method for Improved Image Classification", International Conference on Environmental Management. During 28th – 30th Oct 2005, IST, JNTUH
4. "Lossy Image Compression using Binary Plane Technique for Non-medical Images", 2nd International Conference on Environmental Management". During 25th – 28th Oct 2010,IST, Centre for Environment, JNTUH,
5. "ObjectTrackingusingModeratederivativeGainKalmanFilter 3rd International Conference on sustainable Communication Networks and applications July 2021 Surya Engineering College, Erode, India

6. Image Fusion - , pp. 140-143, Proceedings of ICEM-05, International Conference on Environmental Management – JNTUH, 28th to 30th Oct'2005, ISBN 81-7800-105-5
7. "Optimization based Deep LSTM Predictive Analysis for Decision making in Cricket" 2nd International conference on Innovative Data Communication Technologies and applications , Sep-2020 , RVS Engg. College , Coimbatore ,Tamil Nadu
8. SSO: A Hybrid Swarm Intelligenceoptimization Algorithm , Computational vision and Bio Inspired Computing , Nov-2021 RVS Technical Campus , Coimbatore ,Tamil Nadu

National Conferences :

1. "Security Management in Digital Library",National conference on Library Security Management in Digital ERA. 4th-5th Feb 2011, JNTUH
2. "*Custom queuing Method using Adhoc Networks*", National conference on Distributed Computing -Dec 23-23, 2010, Dept. of CSE, Mallareddy college of Engg. Hyderabad

➤ Books Authored:

1. Programming & Data Structures, BS Publications
2. C & Data Structures, BS Publications

Book Chapters :

3. **SSO: A Hybrid Swarm Intelligence Optimization Algorithm**. In: Smys, S., Tavares, J.M.R.S., Balas, V.E. (eds) **Computational Vision and Bio-Inspired Computing. Advances in Intelligent Systems and Computing**,vol 1420. **Springer, Singapore**, ISBN978-981-16-9573-5 (eBook),ISBN978-981-16-9572-8(Print) ,[https:// doi.org /10.1007/978-981-16-9573-5 63](https://doi.org/10.1007/978-981-16-9573-5_63)
4. **An Optimization Based deep LSTM Predictive Analysis for Decision Making in Cricket**. In: Raj, J.S., Iliyasa, A.M., Bestak, R., Baig, Z.A. (eds) Innovative Data Communication Technologies and Application. **Lecture Notes on Data Engineering and Communications Technologies**, vol 59. **Springer, Singapore**. Pgeno. 721-737,ISBN 978-981-15-9651-3 (eBook), ISBN 978-981-15-9650-6(print),[https://doi.org/10.1007/978-981-15-9651-3 59](https://doi.org/10.1007/978-981-15-9651-3_59),
5. **Object Tracking Using Moderate Derivative Gain Kalman Filter**. In: Karrupusamy, P., Balas, V.E., Shi, Y. (eds) Sustainable Communication Networks and Application. **Lecture Notes on Data Engineering and Communications Technologies**,vol 93. Springer, Singapore. , ISBN978-981-16-6605-6 (eBook), ISBN978-981-16-6604-9, [https://doi.org/10.1007/978-981-16-6605-6 44](https://doi.org/10.1007/978-981-16-6605-6_44)

➤ **Consultancy work :-**

1. Soft Ware Development for EAMCET Entrance examination, SIT,JNTUH,1998-2006, (9 Years) Above 20 lakhs/ year
2. Soft Ware Development and Processing for Recruitment for Direct Information Officers entrance examination(state wide), Center for good Governance and SIT,JNTUH, 2001,Above 10 lakhs
3. Soft Ware Development and Processing for A.P Pollution control Board Assistant Engineers Examination(State Wide), A.P Pollution control board and SIT, JNTUH, 2007, Above 20 lakhs
4. Soft Ware Development and Processing for EDEP(Electronic Distribution of Examination papers)Project in JNTU Examination branch for B.Tech and M.Tech courses under JNTU ,2002

➤ **Training Courses Organized:**

1. Organizing a refresher courses on library automation and digitization ,3 weeks 28th -jun-17th July 2010, UGC-ASC College , JNTUH, Hyderabad
2. Organizing One day National level workshop on Outcome Based Education ,26th Oct-2013, SIT,JNTUH
3. Organizing one day national level workshop on Advanced Data Mining Concepts. 6 FEB. 2015 at SIT,JNTUH

➤ **Areas of Interest:**

- ◆ Image processing
- ◆ AI and Machine Learning
- ◆ Design and analysis of Algorithms
- ◆ Data mining
- ◆ Database Management Systems
- ◆ Operating Systems
- ◆ Computer Networks
- ◆ Web technologies and services
- ◆ Cloud computing

Dr .G.Venkata Rami Reddy