



Curriculum Vitae

T.Venkat Narayana Rao

21- Crescent Villa Apts,
8/8 Road, Habsiguda,
Hyderabad-500 007.

Cell: 9849112253, 8185885746
email:- tvnrbooby@yahoo.com
Landline: 040- 27151820

Career Objective

To serve a Progressive Organization in its growth, where in, I can improve my Career and Achieve goals along with the organization and Students.

Education

- Schooling - Central School (CBSE), KVS, New Delhi - Through out I Division.
- B.E (C. S & Engg.) - I Division, 71%, 1991, Nagpur University, Nagpur.
- MBA (Systems and Marketing) - MKU, 2002.
- M.Tech (C.S.E) - JNTU- SIT, JNTUH Campus – Secured 81%.
- Pursuing Ph. D in Computer Science and Engineering - JNTUK.

Work Experience - Total 21 of Years (Teaching and Industry)

**Total Teaching Experience: 18 Years of Teaching in Engineering Colleges approved
By A.I.C.T.E, New Delhi.**

- Worked as Software Engineer At Micro Chip Tech. Corp., Hyderabad -
From :August-1992 to July-1995.
- Worked as faculty member in Princeton P.G College, Hyderabad -
From :July-1995 to July-1999.
- Worked as Software Eng'r. In HCL Ltd Bangalore Including Onsite Assignment
From: July 1999 to August -2000.
- Worked as H.O.D and Director In Noble P.G College, Hyderabad - From: August-
August-2000 to Feb.-2004.
- Worked as Associate Professor of C.S.E, in Netaji Institute of Engineering &
Technology, Choutuppal - Feb.-2004 to Feb.-2006.

- **Worked as Associate Professor of C.S.E in Sri Indu College of Engineering and Technology, Ibrahimpatnam, R.R, District.- Feb.-2006 to April.-2007.**
- **Worked as Associate Professor , Department of C.S.E , In CVR College of Engineering , RR Dist. - April -2007 to May- 2008.**
- **Worked as Professor and Head, Department of C.S.E- Tirumala Engineering College, Kesara, Bogaram, R.R Dist. - From :May -2008 to June- 2009.**
- **Worked as Professor & HOD ,Department of C.S.E – Hyderabad Institute of Technology and Management[HITAM] , R.R Dist. From : June -2009 to Oct.- 2012.**
- **Working as Professor ,Department of C.S.E – Guru Nanak Engineering College [GNEC], IBRAHIMPATNAM, [HITAM] , R.R Dist.A.P.**

Responsibilities Held In Academic Field

1. Teaching Computers Science Subjects relating to Engineering UG/PG Courses.
2. Heading Computer Science Department and College.
3. Subject/lab. Allocation to department faculty members.
4. Review of Extent of subject syllabus completion.
5. Paper Setting for Computer Subjects for O.U.
6. Paper Valuation.
7. Chief Superintendent for University Examinations (Conduct of internal /External Examinations)
8. Chief Examiner for Professional Courses subject (s).
9. Project Guidance to Final Year Students.
10. Currently doing Research in Digital Image processing and watermarking.
11. Judge for National Paper Presentation for Engineering Colleges.
12. Editorial (15) and Reviewer (12) for International C.S.E/I.T Journal Publishers.
13. Nominee Member of CSI and ISTE.
14. Training Students and staff members in Paper Writing / Training in presentations in national and international Conferences.

Administrative Responsibilities Held So Far

1. General Administration in Academic field.
2. Imparting Discipline among students and staff.
3. Preparation of Course Time Table for all semesters.
4. Assisting Management in all Inspections.
5. Review and Reporting of Course(s) progress report to the management time to time.

6. To comply with day to day activities relating to Course/Semester/Syllabus etc.
7. Heading and Professor to Department C.S.E.
8. Incharge of MOU's and collaborations.

Countries Visited

- Visited Countries HongKong, Malaysia and Singapore onsite Assignment for H.C.L Technologies, Bangalore, and Client: Union Bank of Switzerland at client work-place.

Seminars/Workshops/ symposiums organized as Convenor/Coordinator

- **HITS – Workshop and Seminar on High Impact Teaching Skills :29-06-2009**
- **Anti-Ragging Awareness Programme- by C.S.E Students :24-07-2009**
- **Workshop on Research Paper Writing -for staff and students :01/08/2009**
- **C.S.E Student Club Formation and Inauguration i.e. PHEONIX :25-08-2009**
- **Seminar on “Effective Utilization of Search Engines” on :18-09-2009**
- **Object Oriented Workshop on Effective Utilization of “Teaching-Learning process in Engineering Education” on :18-12-2009**
- **Departmental Workshop on Artificial Neural Networks :28-12-2009**
- **National Level Seminar on C.S.E Emerging Technologies :8th and 9th April'10**
- **National Level Seminar on C.S.E Emerging Technologies :17th and 18th March2011-Esparto-2012**
- **Workshop on ANDRIOD- By Robo Tech , Delhi –Esparto-2k12 :19th and 20th-03-2012.**
- **Member CSI and ISTE.**
- **Workshop Coordinator for CCNA BOOT CAMP - By CISCO , on 18-25 jan 2013 .**
- **Workshop Coordinator for Cloud Computing on March- 2013 .**
- **Tech fest -2013 for GNEC as a Coordinator.**

- **Co-Convener for ICICSE-2013 , GNITC, International Conference of Innovations In Computer Science and Engineering held on 20th and 21st of Sept.2013.**

Achievements

- **International Paper Publications:48 and National Paper Publications :03**
- **Conference Paper Presented : 04**
- **Workshop/Seminar Attended: 09**
- **Paper Presentation at 4 National and 2 International Conference.**
- **University Topper in M.Tech (Computer Science) with 81% at JNTU-H Campus, Kukatpally, Hyderabad.**
- **Seminars/Workshops and Symposiums Organized as Convener : 12**
- **Secured first rank in the merit list of Ph.D, C.S.E Selections in JNTU.**
- **Nominated as Editor: 18 International Journals.**
- **Nominated as Reviewer: 12 International Journals.**
- **Books and course material Authored -02.**
- **Started an International Journal –June -2012 i.e. International Journal of Scientific Research in Computer Science and Management Studies (IJSRCSAMS) -A multi Disciplinary Science and Technology, June –2012-An International Peer Reviewed and Indexed Journal.**

Research Accomplishments and Affiliations

Appointed as Editor to 18 International Journals

1. **Appointed as an Editor on Editorial Board for an International Journal i.e. International Journal of Computer Science and Emerging Technologies [IJCSET].**
2. **Appointed as Editor on Editorial Board for an International Journal i.e. International Journal of Hybrid Information Technology [IJHIT].**
3. **Appointed as Editor on Editorial Board for an International Journal i.e. International Journal of Computer Applications [IJCA].**
4. **Appointed as Editor on Editorial Board for an International Journal i.e. International Journal of Computer and Communication Technology[IJCCT].**

5. Appointed as Editor on Editorial Board for an International Journal i.e. Academy & Industry Research Collaboration Center(AIRCC), publishes 12 International Journals i.e. IJCSIT,IJCNC, IJWMN, IJGCA, ACIJ , “International Journal of Information Technology Convergence & Services (IJITCS) “ and “Advanced Computing: An International Journal (ACIJ).
6. Appointed as an Editor to IJCTT-International Journal of Computer Trends and Technology.
7. Appointed as an Editor to IJMTT-International Journal of Mathematics Trends and Technology .
9. Appointed as an Editor to Advances in Information Sciences and Service Sciences,An international Journal of Research and Innovations.
10. Appointed as an Editor to World of computer Science and Information Technology Journal. An international peer reviewed journal.[WCSITJ]
11. Appointed as an Editor to an -International Journal -_International Journal of Engineering and Technology(IJTE).
12. Journal Name: International Journal of Advances in Computer Science , August –2011-An International Peer Reviewed and Indexed Journal.
13. Journal Name: Cyber Journal –A multi Disciplinary Science and Technology, August –2011-An International Peer Reviewed and Indexed Journals.
14. Journal of Modern Engineering Research (IJMER) -A multi Disciplinary Science and Technology, August –2011-An International Peer Reviewed and Indexed Journals.
15. International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE) -A multi Disciplinary Science and Technology, May –2012-An International Peer Reviewed and Indexed Journal.
16. International Journal of Scientific Research in Computer Science and Management Studies (IJSRCSAMS) -A multi Disciplinary Science and Technology, June –2012-An International Peer Reviewed and Indexed Journal.
17. ACCENT journals
18. International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)

Nominated as Reviewer to 12 International Journals

1. Journal Name: Information Security Journal: A Global Perspective. An International Peer Reviewed Journal.
2. Journal Name: Indian Journal of Science & Technology [INDJST]. An International Peer Reviewed Journal.
3. Journal Name: International Journal of Computing and Information Sciences[IJCIS]
4. Journal Name:Research Journal of Information Technology[RJIT],An International Peer Reviewed Journal.
5. Journal Name: *Journal of Information Technology Education*, -An International Peer Reviewed Journal.
6. Journal Name: International Journal of Computer Science and Information Security, *September – 2010*.
7. Journal Name: *International Journal of Computational Intelligence and Information Security*, *September –2010*-An International Peer Reviewed and Indexed Journal.
8. Journal Name: *International Journal of Advanced Research in Computer Science*, *October –2010*-An International Peer Reviewed and Indexed Journal.
9. Journal Name: International Journal of Advanced Computer Science and Applications (IJACSA), *Oct.–2010*-An International Peer Reviewed and Indexed Journal.
10. Journal Name: International Journal of Computer Science issues(IJCSI),*October –2010*-An International Peer Reviewed and Indexed Journal
11. Journal Name: *Journal of Systems and Software*, publisher Elsevier, December –2010-An International Peer Reviewed and Indexed Journal.
12. International Journal of Ubiquitous Computing (IJUC)-CSC Journals-November-2011.

Conferences and Paper Presentations

1. Presented a paper titled “**Impact of Economic Crises on IT Sector**” in a 2-day **International conference** on Impact of Economic Crises in Global Business Scenario at Sri Sai Ram Institute of Management Studies, Chennai during 24th & 25th September 2009.
2. Presented a paper entitled “**Renewable Sources and Domestic Energy Conservation**” at a **National Seminar** on Conservation of Energy- Alternative Strategies for Management of Non-Conventional Energy Resources” sponsored by Non Conventional development Corporation of Andhra Pradesh Limited (**NEDCAP**) and Department of Business Management Osmania University on 23rd March 2010.
3. Presented and Published a paper titled “**e-Seva an Urban service**” at a 2-day **National Seminar** on Management of Quality in Urban Services and city infrastructure in Hyderabad during Sept 2008, Organized by Regional Centre for Urban and Environmental Studies Osmania University and Matrusri Institute of PG Studies, Hyderabad.
4. Attended a two days **International** Conference Conducted by CII in Osmania University during 26th & 27th August 2007.
5. Presented Paper in **an International Conference** Conducted by I.E.T-YPS , Chennai Chapter, SEISCON, Paper entitled “**Image Enhancement and Surface Roughness with Feature Extraction Using DWT**” on 20-22 July – 2011.
6. Presented a paper in International Conference conducted by CSIT-IRN on July 24-25th -2011 at Bangalore by –Prof.T.V.Narayana Rao and M.Tech Student Mr.U.U.Veerndra on **Intelligent Phising Website Detection System using Fuzzy Techniques**.
7. Presented a paper in National conference conducted by CSI on Sep 23-24 ‘2011 a paper entitled “Assessing Software Service Quality And trustworthiness at selection Time“at GIET, Rajahmundry. Faculty members –Prof.T.V.Narayana Rao and Mr.Pancha Mukesh.
8. Presented paper in a National Conference i.e. “Network security In Banking Domain” , on 5-6th March – 2012. At FAPCII, Hyderabad, Seminar-Emerging Trends Banking and Insurance.
9. Attended one day National Conference Conducted by National Instrument on 12th June 2012 and Workshop on Lab View- software.

Workshops, Seminars and Refresher Courses

1. Participated in a Five day Refresher Course on “**Embedded Systems Design**” during 26th November to 1st December 2007 Organized by Dept of E.I.E, CVR College of Engineering.
2. Attended a Five day workshop on “**Multimedia and Application Development**” during 11th-16th February 2008 Conducted by Dept of I.T, CVR College of Engineering.

3. Attended a Five day workshop on “**Network Management Systems**” during 18th to 22nd February 2008 Conducted by Dept of C.S.E, CVR College of Engineering.
4. Attended a Two day workshop on “.NET” on 10th and 12th of March 2008 Organized by Microsoft and Vasavi College of Engineering.
5. Attended a Three day workshop on “**Real Time Distributed Systems**” during 2nd Sept. - 5th Sept. 2008 organized by CVR College of Engineering.
6. Attended in 5 days Workshop on “**HIGH IMPACT TEACHING SKILLS**” organized by **Wipro Ltd** and **Dale Carnegie Institute** Certification .June -2009.
7. Participated in 3 days Workshop on “**Artificial Neural Networks and Machine Learning**” **Organized** by Srinidhi Institute of Science and Technology during 18th – 20th November 2009.
8. Attended a Short term course on “**Statistical Modeling for Data Analysis**” organized by IIT – **Kharagpur** during November 30th - 11th December 2009.
9. Attended a One day workshop On “**Effective Methods of Teaching for Engineering Faculty** ” organized by IPE – OU – **Hyderabad** , September 1st 2012.

Research Papers Published in Journals -50

1. Published a research paper titled: “**Reversible Watermarking Mechanisms - A New Paradigm in Image Security**” in peer reviewed Indian Journal of Science and Technology Vol.2 No 5, May – 2009, ISSN: 0974-6846. E-journal at: <http://www.indjst.org> (ISSN: 0974 -5645).
2. Published a research paper titled: "Comparative Study of Visible Reversible Watermarking Algorithms – Image Security Paradigm" in peer reviewed International journal of Engineering Studies, Research India Publications (IJES). Vol.1 No.3, Dec. 2009. ISSN: 0975-6469.
3. Paper Title: ” An Improved Lossless Embedding and Extraction-A Data Hiding Mechanism.”, Peered Review Journal Name: International journal of computer science & Information Technology (IJCSIT) ,Dubai, ISSN:0975-3826(online); 0975-4660 (Print) April 2010, Volume 2, Number 2 , ijcsit@airccse.org
4. Paper Title: ”Statistical Analysis for Performance Evaluation of Image Segmentation Using Edge Detection Algorithms”, International Journal of Advanced Networking and Applications (IJANA) – issue Oct-2011. ISSN : 0975-0290 (Print) ISSN : 0975-0282 (Online).
5. Paper Entitled:” Future of Human Security Based on Computational Intelligence Using Palm Vein Technology”, Published in an International Journal i.e. “International Journal of Computer Science and Emerging Technologies” and

Published in June 10th 2010, ISSN: 2044-6004 Volume 1.

6. Paper Entitled: “Video Database Indexing and Retrieval Management System”.
Oriental Journal of Computer Science and Technology, July -2010. With a impact factor
of 0.52. ISSN : 0974-6471 . IC Value :4.

7. Paper Entitled: “Design and Implementation of RADIUS – An Network Security
Protocol”, Published in an International Journal, peer reviewed Journal.
Global Journal of Computer Science and Technology-September -2010. Imapct Factor:1.1

8. Paper Entitled: Effectiveness analysis of offloading systems operating in mobile wireless
environment, International Journal of Engineering Science and Technology, August 2010.

9. Paper Entitled: “Improved and secured Routing Using S-DSR In Mobile AD-HOC
Networks”, Published in an International Journal Indexed & Abstracted i.e.”
International Journal of Advanced Research in Computer Science-Oct-2010.

10. Paper Entitled: “Secured Group Communication in adhoc networks for sensitive
Applications “, International Journal of Electronic Engineering Research, a peer
Reviewed indexed Journal – July-2010.

11. Paper Entitled:” The Next Generation Computing Brainwave-Quantum Computing “
Submitted and Publishing due in an International Journal Indexed & Abstracted
i.e.”International Journal of Advanced Research in Computer Science-DEC-2010.

12. Paper Entitled:” Genetic Algorithms and Programming-An Evolutionary
Methodology”. Submitted and Published in an International Journal Indexed & Abstracted
i.e.” International Journal of Computer Science and Information Technologies”- Nov-
2010.

13. Paper Entitled:” Identification and Evaluation of Functional Dependency Analysis using
Roughsets for Knowledge Discovery “. Published in an International Journal Indexed &
Abstracted”. i.e. International Journal of Advanced Computer Science and Applications-
Nov- 2010. Impact factor :1.24

14. Paper Entitled:”Hotspot Detection by Using GPS & GPRS System” in an
abstracted/Indexed International Journal i.e. International Journal of Computer Science &
Engineering Technology (IJCSET), Issue – Feb.2011.

15. Paper Entitled: An implementation of BLOWFISH Encryption Algorithm using
KERBEROS Authentication Mechanism in an abstracted/Indexed International Journal i.e
International Journal of Computer Technology & Applications), Issue – July 2011.

16. Paper Entitled: 5G Technologies in an abstracted/Indexed International Journal i.e
Global Journal of Research in Computer Science-GJRCS, Issue – July 2011. With an
Impact Factor of 0.6.

17. Paper Entitled: International Conference Proceeding conducted by CSIT-IRN on July
24-25th -2011 at Bangalore , on “Intelligent Phising Website Detection System using Fuzzy
Techniques” , – July 2011.

18. Paper Entitled: "Partition Based Face Recognition System in an abstracted/Indexed International Journal i.e. Global Journal of Research In Computer Science-GJRCS, Issue – October-2011. With an Impact Factor of 0.5

19. Paper Entitled: "Authentication Using Mobile Phone as a Security Token" in an abstracted/Indexed International Journal i.e International Journal of Computer Science and Engineering Technology (IJCSET), Issue – October-2011.

20. Paper Entitled: "BRAIN FINGER PRINTING" , in an abstracted/Indexed International Journal i.e Res Computeria , Issue – October-2011

21. Paper Entitled: "Scheduling and Monitoring Spatial Queries Using CKNN and Shortest Path", in an abstracted/Indexed International Journal i.e International Journal of Engineering Research and Applications IJERA, Issue – November -2011.

22. Paper Entitled: "Organic Conductors " , in an abstracted/Indexed Peer reviewed Journal- International Journal i.e Res Computeria, Issue – December -2011.

23. Scheduling and Monitoring Spatial Queries Using Continuous KNN and Shortest Path", International Journal of Engineering Research and Applications IJERA, October -2011

24. Paper Published in Conference BOOK with ISBN No: " Internet security In Banking Domain" on 5-6th March – 2012. At FAPCII, Hyderabad, Emerging Trends Banking and Insurance.

25. Paper Entitled: "Biochip Technology – A Gigantic Innovation", in an abstracted/Indexed Peer reviewed Journal- IJETAE International Journal i.e The International Journal of Emerging Technology and Advanced Engineering (IJETAE) , Issue – March -2012.

26. Paper Entitled: "Defending Against Web Vulnerabilities and Cross-Site Scripting ", in an abstracted/Indexed Peer reviewed Journal- Journal of Global Research in Computer Science[JGRCS] , May-2012, Volume :3 and issue 5. With an Impact Factor of 0.6

27. Paper Entitled: "Investigation And Analysis Of Vulnerability Of Attacks On Watermarked Image And Its Enhancement " , in International Journal of Modern Engineering Research (IJMER) , Vol. 2, Issue. 5, Sep.. 2012, ISSN: 2249-6645

28. Paper Entitled: "Analysis And Assessment Of Surface Image Texture Mechanisms" , Journal of Global Research in Computer Science (JGRCS) , Volume 3 issue 9 October 2012, 2229-371X, With an Impact Factor of 0.5.

29. Paper Entitled: "Monitoring Interactions In Component-Based Systems " , International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE) Volume 2, Issue 10, October 2012, ISSN: 2277- 128X. Impact factor :2.2.

30. Paper Entitled: "An Intrusion Tolerance Approach for Internet Security", International Journal of Advanced Research in Computer and Communication Engineering (IJARCCCE), Volume 1 issue 9 , October -2012, ISSN : 2278-1021. Impact Factor :1.7

31. Paper Entitled: Low Cost Mammography Image Enhancement and Analysis Mechanisms " , International Journal of Electronics Communication and Computer

Engineering (IJECCCE), ISSN (Online): 2249–071X, ISSN (Print): 2278–4209, Volume 4, Issue 1, Jan. :2013. Impact factor :1.0

32. Design and Implementation of a Network Layer for Distributed Programming Platforms, IJCSET, www.ijcset.net, Vol 2, Issue 12, 1510-1515, ISSN:2231-0711, December 2012 .

33. Automatic Fingerprint Recognition Scheme and Enhancement “,International Journal of Application or Innovation in Engineering & Management, Vol. 1, Issue: 4, Dec. 2012.

34. Similarity Analysis of Images using Content Based Image Retrieval System, International Journal Of Engineering And Computer Science Vol. 1, Issue: 4, Jan. 2013.

35. Telemedicine - A Revolutionary Paradigm In Rural Health Care Services”, International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Vol. 2, Issue:1, Jan. 2013. Impact Factor :1.77

36. Recovering Human Motion Tracking System using Gaussian Process”, International Journal of Engineering Sciences & Research Technology(ijesrt), Vol. 2 Issue 2. Feb. 2013.

37. “Enhanced Contour based Segmentation for Fingerprint Extraction”, International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE)”, Vol. 3 Issue 2. Feb. 2013. IM.factor:2.2.

38.“Remote Tracking and Breaking System for Vehicles “, International Journal of Engineering Trends and Technology(IJETT), Vol. 4 Issue 32. March- 2013, ICV = 4.33.

39. “Human Brain to Computer – Communication for disabled with E-Interface”, International Journal of Engineering Sciences & Research Technology(ijesrt), Vol. 2 Issue 4.April- 2013

40.“Heterogeneous Mobility Management and Vision for Wireless Networks” ,International Journal Of Engineering And Computer Science, Vol. 2, Issue: 4, April- 2013

41. “Approaches of Ubiquitous Computing Systems, International Journal of Engineering Sciences & Research Technology(ijesrt), Vol. 2 Issue 4.April- 2013.

42.”Software Quality Prediction: A Review and Current Trends” , International Journal Of Engineering And Computer Science[ijecs], Vol. 2, Issue: 4, April- 2013.

43. “Application Based Selection Techniques for Improvement in Web Services Deployment “, International Journal of Innovative Research in Computer and Communication Engineering, May-2013 .

44 . “An Assessment on Computational Models for Expressive Music, International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), June-2013. Impact Factor:2.2

45. “Comprehensive Analysis of Mobility for Remote Access Virtual Private Network Users “, Journal of Global Research in Computer Science (JGRCS). Impact factor :0 .66 June-2013

46. “ Examination of Assorted Quality Metrics for Medical Image Processing “ ,Published in Proceedings of ICICSE- International Conference Innovation in Computer Science and Engineering, Sept.2013

47. “Comparative Assessment of Security Protocols in MANETS”, Published in Proceedings of ICICSE- International Conference Innovation in Computer Science and Engineering, Sept.2013

48. “Analysis of Popular Stemming Algorithms Supporting Information Retrieval System” , International Journal of Computer & Organization Trends I[IJCOT] Impact factor :0.567, Oct.2013

49. “Analysis and Cloning Of Password Protected Digital Media Cards”, in Review In International journal of Computers and Technology .

50. Paper on Nano Robotics in writing /review for Research and Development Cell GNI.

Personal Details

Father's Name	:	Mr. T.Vasudeva Rao, Retired Central Govt. Executive.
Date of Birth	:	25-12-1968.
Marital Status	:	Married.
Wife's Occupation	:	Ph.D /Dr. In Business Management and Working as Associate Professor of Business Management (Finance Expert - PhD in Business Management) in a Reputed Engineering College, Hyderabad.
Brother	:	Doctor, Orthopedician, Working in U.K [London]

Permanent Residential Address

T.Venkat Narayana Rao
 21- Crescent Villa Apartments,
 8 / 8 Road, Habsiguda,
 Hyderabad-500 007, Cell: 9849112253 , 8185885746
 E-mail:- tvnrbooby@yahoo.com

Date: / / 2013 , Hyderabad.

[T.Venkat Narayana Rao]