

BIODATA

- 1. NAME** : **Dr. R.MANICKA CHEZIAN**
- 2. DESIGNATION** : **ASSOCIATE PROFESSOR**
DEPT. OF COMPUTER SCIENCE
- 3. DATE OF BIRTH** : **05-06-1965**
- 4. EDUCATIONAL QUALIFICATION:** **M.Sc(Applied Science),**
M.S. (Software Systems)
Ph.D (ComputerScience)
- AGE** : **53 Years**

Degree	Year of Passing	College Studied	Name of the University	Class Obtained
B. Sc (Mathematics)	1985	N.G.M. College, Pollachi	Bharathiar University	First Class
M.Sc. (Applied Science)	1987	P.S.G College of Technology, Coimbatore	Bharathiar University	First Class
M.S. (Software Systems)	1994	Birla Institute of Technology and Science, Pilani, Rajasthan	Birla Institute of Technology and Science, Pilani, Rajasthan	First Division
Ph. D (Computer Science)	2010	School of Computer Science & Engg., Bharathiar University	Bharathiar University	

4 a . WHETHER REGISTERED FOR PH.D. IF SO DETAILS: Ph. D Completed

5. MENTION HERE SPECIAL ACADEMIC DISTINCTION, IF ANY:

AWARDS / HONORS

- Received the **GLOBAL AWARD ENTITLED “BEST COMPUTER SCIENCE FACULTY OF THE YEAR 2015”** from Association of Scientists, Developers and Faculties (ASDF), an International Forum on 30th December 2015. He has been shortlisted among 13,812 nominations received from 86 countries to 43 for 9 categories of awards for the final phase (Complete process is divided into 6 phases). In the final phase, there are 3 finalists Dr. Manicka Chezian Rajakannu M.S. Ph.D., of NGM College, Pollachi, Coimbatore, Dr. Hari Mohan Pandey M.Tech., Ph.D., of Amity University, Noida, New Delhi and Dr. A S N Chakaravarthy M.E., Ph.D., of Jawaharlal Nehru Technical University, Hyderabad, Andhra Pradesh.

OFFICE OF THE PRIME MINISTER OF THE REPUBLIC INDIA HAS
GIVEN THE CERTIFICATE IN RECOGNIZING THIS AWARD

- Received, **“BEST RESEARCH SUPERVISOR AWARD”**, in recognition and appreciation for outstanding leadership and dedication to student development on 1st November 2015 at Chennai from GRABS EDUCATIONAL CHARITABLE TRUST
- Received **“ LIFE TIME ACHIEVEMENT AWARD IN COMPUTER SCIENCE FIELD”** from Coimbatore District Pavendar Bharathidasan Ilakkiya Peravai for his 30 years Contribution in the Computer Science, Social and Literature works on 13 – 09 – 2015 .
- Received **“DESHA MITHRA” AWARD** from Valar Nila Kalai Ilakkiya Mandram, Desha Mithra Amaippu and National P.K.G Trust on the Independence Day 15 – 8 – 2011 for his Outstanding Contribution in Computer Science field and for uplifting the students in their careers in Pollachi Taluk Area.

- Received a **NATIONAL TALENTED STUDENT SCHOLARSHIP** (Selection is through the Examination) in 8th Standard in the Educational District from Tamil Nadu Government.
- Received a **BEST PAPER AWARD** in International Conference on Digital Factory – ICDF 2008 jointly organized by Coimbatore Institute of Technology, Coimbatore, Business Innovation Research Centre (BIRC) and Charlton College of Business, University of Massachusetts, Dartmouth, USA.
- **R. MANICKA CHEZIAN AND E. SIVARAMAN** presented a paper entitled as “Towards Developing a Cloud Computing Approach for Higher Education” in the 15th ISTE TN & P Section Convention 2012 & Seminar on “Emerging Paradigm in Technical Education” held at Maharaja Engineering College, Avinashi, on 15th December 2012 and the paper has been awarded as a **BEST PAPER** in that Session.
- **R.MANICKA CHEZIAN AND R. AKIL SINDHU** presented a paper entitled as “The Movement of Web From Web 0.0 to Web 5.0 : A Comparative Study” in the National Conference on Innovative Trends in Information Technology organized by Department of Information Technology, Sri Vasavi College (Self Finance Wing), Erode on 05th March 2016 and is awarded with **BEST PAPER AWARD**
- Obtained a **FIRST RANK** in 10th Standard in Government High School, Poravipalayam, Pollachi (TK) in the year 1980.
- Obtained a **FIRST RANK** in B.Sc., (Mathematics) in NGM College, Pollachi during the period 1982 – 1985

WORLD RECOGNITION

1. Acted as a Program Committee Member in the International Conference on Computer Science, Engineering and Information Technology (CSEIT – 2014) held on 27th and 28th December 2014 held at Sydney, **AUSTRALIA**
2. Acted as an Editor / Paper Reviewer in the International Conference on Mechanical Manufacturing and Mechatronics Engineering (ICMME 2014) on 12th and 13th December 2014 held at Jakarta, **INDONESIA**
3. Acted as an Editor / Paper Reviewer in the International Conference on Renewable Energy and Environment (ICREE 2014) on 12th and 13th December 2014 held at Jakarta, **INDONESIA**
4. Acted as an Editor / Paper Reviewer in the International Conference on Engineering Management (ICIM 2014) on December 26 – 27, 2014 held at Perlis, **MALAYSIA**
5. Acted as an Editor / Paper Reviewer in the International Conference on Forecasting Economic and Financial Systems (ICFEFS 2015) held on February 27 – 28 2015, held at Sarawak, **MALAYSIA**
6. Acted as an Editor / Paper Reviewer in the International Conference on Mechatronics and Control Engineering (ICMCE 2015) held on March 6th – 7th March 2015, held at Bandung, **INDONESIA**
7. Acted as an Editor / Paper Reviewer in the International Conference on Accounting, Business and Economics (ICABE 2015) held on March 6th – 7th March 2015, held at Bandung, **INDONESIA**

8. Acted as an Editor / Paper Reviewer in the International Postgraduate Conference on Engineering and Technology Research 2015 (IPCETR2015) held on August 04 – 05 2015, at Langkawi, **MALAYSIA**
9. Has been appointed to act as an Editor / Paper Reviewer in the 3rd International Postgraduate Conference on Engineering and Technology Research 2016 (IPCETR 2016) which will be held on August 1 – 2 August 2016 at Langkawi, **MALAYSIA**.

6. TEACHING EXPERIENCE :

Name of the Institution	Period of Service	Number of Years	Designation
P.S.G College of Technology, Coimbatore	1987 – 1989	2 Years	Teaching Assistant
N.G.M. College, Pollachi	1989 – 1990	1 Year	Lecturer in Computer Science (Under Self Financing Stream)
N.G.M College, Pollachi	1990 – Till Date	28 1/2 Years	Associate Professor of Computer Science (Under UGC)

TOTAL TEACHING EXPERIENCE: 31 ½ Years

**7. DETAILS OF RESEARCH ACTIVITIES PARTICIPATION
IN SEMINARS (IF THE SPACE PROVIDED HERE IS :
INADEQUATE GIVE DETAILS IN A SEPARATE SHEET)**

DETAILS OF RESEARCH ACTIVITIES PARTICIPATION IN SEMINARS / CONFERENCE / WORKSHOPS / SYMPOSIUMS (PRESENTED A PAPER / ATTENDED)
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1. Presented a paper “ **World Wide Web Applications in Research**” in the National Seminar on Present Impact and Future Prospects of Internet(Sponsored by U.G.C) at **Mahatma Gandhi Kashi Vidyapith, Varanasi** from March 29- 30, 2001.
2. Presented and Published a paper “**Triggers : An Overview** “ in the National Conference on Recent Trends in Information Technology held on 23,24 August 2002 at **Karpagam Arts and Science College**, Coimbatore, pp 71 - 74.
3. Presented and Published a Paper “**Updation of Web Information using Time-Based Triggers**” in the National Conference on Advanced Computer Applications (U.G.C Sponsored) at **N.G.M. College**, Pollachi from October 11-12, 2002, pp 97 – 102.
4. Presented and published a paper “**Decision Support Systems**” in the State Level Seminar in Recent Trends in Commerce at **N.G.M. College**, 1990.
5. Presented and published a paper entitled “**Confluence in Active Data Base System**”, in the **International Conference on Digital Factory - ICDF 2008** jointly organized by **Coimbatore Institute of Technology, Coimbatore, Business Innovation Research Centre (BIRQ, and Charlton College of Business, University of Massachusetts, Dartmouth, USA**, pp 2010 - 2015, August 11-13, 2008.
(Winner of Best Paper Award).

6. Presented and published a paper **“A New Algorithm to determine the Termination of Triggers in Active Databases”** held from 3rd January to 7th January, 2011, in the **98th Indian Science Congress at SRM University, Chennai**.
7. Presented a paper **“Threats in Cloud Computing and Security”** in the State Level Conference on **“Recent Trends in Computational Science and Research”** held at **KG College of Arts and Science, Coimbatore** – 35 on 25-02-2011.
8. Published a paper **“Research Issues in Computer Science”** in the Proceedings of the National Seminar on **“Research in Computers: Why, What and How?”** held at Department of Computer Applications, **Bharathiar University, Coimbatore** on 13th December 2010.
9. Published a paper **“Analysis of Data Security Risks in Cloud Computing Environment – A Survey”** in the Proceedings of the UGC Sponsored National Conference on Data Warehousing and Data Mining, March 2011 (4th & 5th March 2011) held at Department of Computer Science, **Gobi Arts & Science College, Gobichettipalayam**, pp 79 – 85. (ISBN No : 978 – 81 – 910200 – 1 – 4)
10. Published a paper **“Ontology for Feature Based Opinion Mining: An Overview”** in the Proceedings of the UGC Sponsored National Conference on Data Warehousing and Data Mining, March 2011 (4th & 5th March 2011) held at Department of Computer Science, **Gobi Arts & Science College, Gobichettipalayam**, pp 108 – 111 (ISBN No : 978 – 81 – 910200 – 1 – 4).
11. Published a paper **“Data Privacy preserving Techniques in Cloud Environment: A Study”** in the Proceedings of the **Second Annual World Conference on International Business & Computer Applications (ICIBCA – 2011)** organized by **Nehru College of Management** on 30th June & 2nd July 2011 (ISSN No: 1947 – 8321).

12. Presented a paper “**A Study on Spatial Outlier Detection in Wireless Sensor Network**” in the National Seminar on “Emerging Trends and Applications of Information Technology (NSETAIT – 2011) held on 12th February 2011 at **Vidyasagar College of Arts and Science, Udumalpet**
13. Presented a paper “**Audio CAPTCHA based on Breaking of Audio**” in the National Seminar on “Emerging Trends and Applications of Information Technology (NSETAIT – 2011) held on 12th February 2011 at **Vidyasagar College of Arts and Science, Udumalpet**
14. Presented a paper “**Mining Customer Value using Association Rules**” in the National Seminar on “Emerging Trends and Applications of Information Technology (NSETAIT – 2011) held on 12th February 2011 at **Vidyasagar College of Arts and Science, Udumalpet**
15. Presented a paper “**A Study on Security Guidance for Critical Issues in Cloud Computing**” in the National Seminar on “Emerging Trends and Applications of Information Technology (NSETAIT – 2011) held on 12th February 2011 at **Vidyasagar College of Arts and Science, Udumalpet**
16. Presented and published a paper “**Gestational Diabetes Mellitus Test for Medical Diagnosis using Data Mining**” in the National Conference on “Recent Trends and Advances in the Field of Information Technology” (NCIT) held on 6th September 2011 at **Karpagam University, Coimbatore**
17. Presented and published a paper “**A Comparative Study on Categorical Clustering: CLICK vs CACTUS**” in the National Conference on “Recent Trends and Advances in the Field of Information Technology” (NCIT) held on 6th September 2011 at **Karpagam University, Coimbatore**

18. Published a paper **“Cloud Computing: A Paradigm Shift in Information Technology”** in Cloud Computing track of mega event – International Conference on Computer Applications (**ICCA 2012**) which happened between 27 and January 2012 conducted by **Techno Forum Research and Development Centre at Pondicherry, India.**
19. Presented a paper **“Virtualization in Cloud Computing: A Key Enabler of Standardization, Scalability and Resource Sharing”** in the International Conference **“ICACT-2012”** held on 9th and 10th March 2012 at **J.K.K Nattraja College of Engineering and Technology, Tamilnadu**
20. Presented and published a paper **“Gender Equality Analysis in the Census Report 2011 for Tamil Nadu State by using Outlier Detection”** in the National Conference on **“Recent Trends and Advances in the Field of Information Technology” (NCIT)** held on 6th September 2011 at **Karpagam University, Coimbatore.**
21. Presented a paper entitled, **“ The Role of Computer Literacy in Education and Research – A Comparative Study”** in the NAAC Sponsored Seminar on Academic Excellence through Quality Sustenance and Enhancement at **NGM College, Pollachi** conducted during 17th and 18th August 2012
22. Presented a paper entitled, **“ A Study on Teacher Education and New Methods to improve the Sustainability in Teaching”** in the NAAC Sponsored Seminar on Academic Excellence through Quality Sustenance and Enhancement at **NGM College, Pollachi** conducted during 17th and 18th August 2012
23. Presented a paper entitled **“Throughput and Energy Efficiency in Wireless Ad-hoc Network”** in the UGC Sponsored National Conference on Web Technology (NCWST – 2012) at **PSG College of Arts and Science , Coimbatore** held on 10th and 12th October 2012.
24. Presented a paper entitled **“A Secured Searching in Cloud Data using Cryptographic Technique”** in the UGC Sponsored National Conference on Web Technology (NCWST –

2012) at **PSG College of Arts and Science** , Coimbatore held on 10th and 12th October 2012.

25. R. Manicka chezian and Vaishali Raj presented and published a paper entitled as “**A Survey on Drifting en route for Internet Protocol Version IPv6**” in the Proceedings of the National Conference on Advanced Trends in Information Technology (NCATIT – 2013) organized by Department of Information Technology, **Dr. N.G.P. Arts and Science College**, Coimbatore held on 21st February 2013 (**ISBN No. 938054317-4**)

26. R. Manicka chezian and R.Divyapriya presented and published a paper entitled as “**Data Warehousing and Data Mining Technology for Business Intelligence**” in the Proceedings of the National Conference on Advanced Trends in Information Technology (NCATIT – 2013) organized by Department of Information Technology, **Dr. N.G.P. Arts and Science College**, Coimbatore held on 21st February 2013 (**ISBN No. 938054317-4**)

27. R. Manicka chezian and R. Kalaivani presented and published a paper entitled as “**Overview on Taxonomy and Techniques of Web Mining**” in the Proceedings of the National Conference on Advanced Trends in Information Technology (NCATIT – 2013) organized by Department of Information Technology, **Dr. N.G.P. Arts and Science College**, Coimbatore held on 21st February 2013 (**ISBN No. 938054317-4**)

28. R.Manicka chezian and E. Sivaraman published a paper entitled, “**Science and Education in the cloud: Towards a Ubiquitous and Collaborative Environment for Higher Education in India**” in the Proceedings of the Global Innovators Conference 2013 conducted at **Qatar, Asia** from April 4 to April 7 2013.

29. Dr. R. Manicka Chezian and G. Angulakshmi presented a paper Entitled “**An Approach on Web mining : Techniques and Tools on Web** ” at 2nd International Conference on Computer Science and Information technology held on 17th December 2013 at **Hindusthan College of Arts and Science, Coimbatore** **ISBN : 978-93-5137-349-4, pp 78 -82.**

30. Dr. R. Manicka Chezian and D. Poobathy presented a paper Entitled “**Recognizing and Mining Various Objects from Digital Images**” at 2nd International Conference on

Computer Science and Information technology held on 17th December 2013 at **Hindusthan College of Arts and Science, Coimbatore pp. 89 -93. (ISBN : 978-93-5137-349-4)**

31. **Dr. R. Manicka Chezian and R. Rubini** presented a paper Entitled “**Visual Content Based Video Indexing and Retrieval ”** at 2nd International Conference on Computer Science and Information technology held on 17th December 2013 at **Hindusthan College of Arts and Science, Coimbatore ISBN : 978-93-5137-349-4, pp 83 - 88.**

32. **Dr. R. Manicka Chezian and G. Angulakshmi** presented a paper Entitled “ **A Cogitate Approach on Text Data Mining ”** at International Conference on Advance in Information Technology and Networking held on 22nd January 2014 at **Dr. G. R. D College of Science Coimbatore ISBN : 978 – 81 – 927985 – 0 – 9 pp 10**

33. **Dr. R. Manicka Chezian and R. Rubini** presented a paper Entitled “ **An Effective Analysis on Web Mining Using Link Analysis Algorithm”** at International Conference on Advance in Information Technology and Networking held on 22nd January 2014 at **Dr. G. R. D College of Science Coimbatore ISBN : 978 – 81 – 927985 – 0 – 9 pp 27**

34. **Dr. R. Manicka Chezian and J.Rajeshwari** presented a paper Entitled “ **K-Means Clustering Algorithm Vs Fuzzy C-means Clustering Algorithm”** at National Conference on Computing and IT Applications, held on 8th February 2014 at **KGiSL Institute of Information Management, Coimbatore.**

35. **Dr. R. Manicka Chezian and R. Ananthi** presented a paper Entitled “ **Agricultural Application of wireless Sensor Networks ”** at National Conference on Networking Communications and Data Analysis NCDA ’ 14 held on 12th & 13th February 2014 at **Hindustan College of Engineering and Technology , Coimbatore.**

36. **Dr. R. Manicka Chezian and G. Angulakshmi** presented a paper Entitled “ **An Analysis on Preprocessing to Detect Tamil Characters Using Neural Networks ”** at 5th National Conference on Computer Communication and Information held on 27th

February 2014 at **Rathnavel College of Arts and Science , Sulur , Coimbatore.** ISBN : 978 – 93 – 80 – 800 – 28 – 8 pp 59

37. **Dr. R. Manicka Chezian and R. Rubini** presented a paper Entitled “ **Efficient Database Management on Video Using Association Algorithm ”** at 5th National Conference on Computer Communication and Information held on 27th February 2014 at **Rathnavel College of Arts and Science , Sulur , Coimbatore.** ISBN : 978 – 93 – 80 – 800 – 28 – 8 pp 61
38. **Dr. R. Manicka Chezian and V.Anandhi**, presented a Paper Entitled “**Regression techniques in Software Efforts Estimation Using COCOMO Dataset**”, International Conference on Intelligent Computing Application, held on 7th, 8th March 2014, at **Bharathiar University, Coimbatore** and published in **IEEE Explore pp 353 – 357 , 978-1-4799-3966-4/14 DOI 10.1109/ICICA.2014.79.**
39. **Dr. R. Manicka Chezian and Nishad PM** presented a Paper Entitled “**Behavioral Study of Data Structures on Lempel Ziv Weltech (LZW) Data Compression Algorithm and its Computational Complexity**”, International Conference on Intelligent Computing Application, held on 7th, 8th March 2014, at **Bharathiar University, Coimbatore** and published in **IEEE Explore pp 268 – 274, 978-1-4799-3966-4/14 DOI 10.1109/ICICA.2014.64.**
40. **Dr. R. Manicka Chezian and E. Sivaraman** presented a Paper Entitled “**High Performance and Fault Tolerant Distributed File System for Big Data Storage and processing using Hadoop**”, International Conference on Intelligent Computing Application, held on 7th, 8th March 2014, at **Bharathiar University, Coimbatore** and published in **IEEE Explore pp 32 - 36, 978-1-4799-3966-4/14 DOI 10.1109/ICICA.2014.16.**
41. **Dr. R. Manicka Chezian and K. Saravana Kumar** presented a paper entitled , “**Prediction of Hypothyroid using Naive Bayes and Self Organized Map (SOM)**”, International Conference on Intelligent Computing Application, held on 7th, 8th March 2014, at **Bharathiar University, Coimbatore.**

42. **Dr. R. Manicka Chezian and V.Anandhi**, presented a Paper “ **Support Vector Regression In Software Effort Estimation**”, International Conference on Communication and Computer Networks of the Future Comet, held on 14th and 15th March 2014 at **PSG College of Technology, Coimbatore**.
43. **Dr. R. Manicka chezian and Vijay Arputharaj** presented and published a paper entitled, “ **Data Mining through DNA Database to Enhance Gene Bases Algortihm**” in the International Conference in Advances in Computer Science AETCAS at New Delhi, pp 978 – 989. (ISBN NO: 978 – 93 – 5107 – 193 – 8) – **ELSEVIER PUBLICATION**
44. **R. Manicka chezian and G. Ahilandeewari** presented a paper on, “**A Survey on approaches for frequent item set mining**” in the Proceedings of the International Conference on Innovations in Communications and Computer Science Engineering (ICICCE-2015), 15th Feb 2015, **Coimbatore Institute of Technology(CIT)**, Coimbatore
45. **R. Manicka chezian and G. Ahilandeewari** presented a paper on “**A Comparative study of frequent pattern mining Algorithms : Apriori & FP Growth on Apache Hadoop**” in International Conference on Emerging Trends of Engineering Science and Management Applications (ICETESMA-15), 1st Mar 2015, Jawaharlal Nehru University, New Delhi. Presented through Skype
46. **R. Manicka chezian and C. Kanakalakshmi** presented a paper on “**A Concise study on Text Mining for Business Intelligence**” in National Conference on Advanced Computing and Communication Technology (NCACCT-15), 20th Feb 2015, **Vidhyasagar College of Arts & Science, Udumalpet**
47. **R. Manicka chezian and C. Kanakalakshmi** presented a paper on “**An Analysis on Text Mining and Text Classification Techniques**” in National Conference on Information and Image Processing, 27th Feb 2015 conducted at **Sankara College of Science and Commerce, Coimbatore**

48. **R. Manicka chezian and C. Kanakalakshmi** presented a paper on “**Performance Evaluation of Machine Learning Techniques for Text Classification**” in UGC Sponsored National Conference on Advanced Networking and Applications (NCANA 15), 27th Mar 2015, **Government Arts & Science College, Udumalpet**
49. **Dr. R. Manicka chezian and C. Saranya** presented a paper on “**A Survey on Virtualization Data Centers for Green Cloud Computing**” in International Conference on Innovations in Communications and Computer Science Engineering (ICICCE-2015), 15th Feb 2015, **Coimbatore Institute of Technology(CIT), Coimbatore**
50. **Dr. R. Manicka chezian and C. Saranya** presented a paper on “**A study of Energy-Aware DVFS Approaches on Virtualization IDC in Cloud Computing**” in International Conference on Emerging Trends of Engineering Science and Management Applications (ICETESMA-15), 1st Mar 2015, Jawaharlal Nehru University, New Delhi. Presented through Skype.
51. **Dr. R. Manicka chezian and K. Vijayalakshmi** presented a paper on “**A study on Security Considerations in MANET**” in National Conference on Emerging Trends in Big Data Analytics (NCETBDA ‘15) 18th Feb 2015, **Sri Krishna Arts & Science College, Coimbatore**
52. **Dr. R. Manicka chezian and K. Vijayalakshmi** presented a paper on “**Comparative of Adhoc Protocols in MANET and VANET**” in National Conference on Advanced Computing and Communication Technology (NCACCT-15), 20th Feb 2015, **Vidhyasagar College of Arts & Science, Udumalpet.**
53. **Dr. R. Manicka chezian and K. Vijayalakshmi** presented a paper on “**Evaluating the Performance of Routing Protocol in Mobile Adhoc Networks**” in UGC Sponsored National Conference on Advanced Networking and Applications (NCANA 15), 27th Mar 2015, **Government Arts & Science College, Udumalpet**

54. **Dr. R. Manicka chezian and Gokulan** presented and published a paper **“A Novel Artificial Bee Colony Optimization Approach for Workflow Application with Securing Constraints Hybrid Computing”**, in International Conference on Advances in Electrical, Electronics and Computational Intelligence (ICAEECT 2016) held at K.S.R. College of Engineering, Tiruchengode, Tamilnadu on 22nd February 2016
55. **Dr. R. Manicka chezian and R. Deepa** presented a paper on **“An Involuntary Data Extraction and Information Summarization Expending Ontology”** in the International Conference on Power, Circuit and Information Technologies (ICPCIT – 2015) held on 27 – 28 April 2015 organised by Department of Electronics and Communication Engineering, **RajaRajeswari College of Engineering, Bangalore, India**
56. **Dr. R. Manicka chezian and S. Hemalatha** presented a paper on **“An Enhanced RSA with Attribute Based Encryption for Securing User Log in Cloud Computing ”** in the International Conference on Power, Circuit and Information Technologies (ICPCIT – 2015) held on 27 – 28 April 2015 organised by Department of Electronics and Communication Engineering, **RajaRajeswari College of Engineering, Bangalore, India**
57. **Dr. R. Manicka chezian and R. Akil Sindhu** published a paper **“ The Movement of Web from Web 0.0 to Web 5.0 : A Comparative Study”** in the Proceedings of the **National Conference on Innovative Trends in Information Technology, Sri Vasavi College (Self Finance Wing), Erode** held on March 5, 2016
58. **Dr. R. Manicka chezian and S. Saranya** published a paper **“Mobile Adhoc Network Architectures, Challenges and Applications”** in the Proceedings of the **National Conference on Innovative Trends in Information Technology, Sri Vasavi College (Self Finance Wing), Erode** held on March 5, 2016
59. **Dr. R. Manicka chezian and R. Akil Sindhu**, presented a paper **“Adapting Keyword Recommendation Approach to Folksonomics to Edu-Area using Hierarchical Classification”**, in the International Conference on Green, Intelligent Computing and Communication Systems (ICGICCS’ 16) held on 10-11, 2016 at Hindusthan College of Engineering and Technology, Coimbatore..

60. Attended and presented a topic on “**Standard Format for Research Papers**” in the One Day **National Level Seminar on “Research Perspectives in Computer Science”** held at **Selvam College of Technology** on 17th September 2011
61. Participated and acted as a **CHAIRPERSON in the UGC Sponsored National Conference on Human Excellence through Ethics and Value Education** on 3rd and 4th October 2008 at **NGM College, Pollachi**
62. Participated in the **International Seminar on Computational Intelligence** held at School of Computer Science and Engineering, **Bharathiar University, Coimbatore** on 30th December 2008.
63. Attended a **Two day Seminar** on Current Trends in Communication Network (sponsored by U.G.C) held on 10th and 11th June 2002 at **S.N.R Sons College, Coimbatore**.
64. Attended **State Level Symposium** on Software Development Tools and ERP held on 16-2-2004 at **Vidyasagar College of Arts and Science, Udumalpet**.
65. Attended **UGC – Question Bank Workshop – Phase II** in Computer Science held at **Loyola College (Autonomous), Chennai** from 10 -13 February 1999.
66. Participated in the **Workshop** on “**LATEX – The Document Preparation System**” held on the 25th October 2005 at **NGM College, Pollachi**.
67. Participated in the **Seminar** on Value Based Education on 23rd October 2005 organized by Rotary Club of Pollachi at Pollachi.
68. Participated in the **Workshop** on Bio –Informatics organized by PG Dept. of Computer Applications at **NGM College, Pollachi** on 21-9-2006.

69. Participated in the **UGC Sponsored National Seminar** on Perspectives on Indian Tourism Industry held at NGM college, Pollachi during 24th and 25th January 2007.
70. Participated in the three days **Personality Development Course** held at Temple of Consciousness, Arulpelrumjothi Nagar, Aliyar from 23- 9- 2006 to 25 -9 -2006.
71. Participated in a **Two Days Skill based Training Program** on “ J2EE and Best Practices in Application Development” organized by ICT Academy of Tamil Nadu in association with Cognizant Technology Solutions and Tata Consultancy Services held at Bharathiar University, Coimbatore on 16th and 17th September 2009.
72. Participated in the **Workshop** on “Mat Lab – A Tool for Research” held on July 25, 2009 organized by D.J. Academy for Managerial Excellence, Coimbatore – 32.
73. Participated in the **National Conference on Issues in Higher Education conducted by Association of Principals of Colleges, Bharathiar University and University Grants Commission – Academic Staff College, Bharathiar University** held at NGP Arts and Science College, Coimbatore on 29 – 10 – 2010.
74. Participated in the **Conference on the theme “Hegemony of Globalism vis-à-vis Democratic Pragmatics in Higher Education”** on 8th January 2011 conducted at S.N.R Sons College, Coimbatore.
75. Participated in the **Session on “Skill Development in India – Opportunities and Challenges”** organized by Confederation of Indian Industries (CII), Coimbatore held at Hotel The Residency, Coimbatore on 22 December 2010.

76. Participated in the **Session on “Cloud Computing Confluence”** organized by Confederation of Indian Industries (CII), Coimbatore held at Hotel The Residency, Coimbatore on 18 November 2010.
77. Participated in the **National Seminar on “Ethics Literature in Indian Languages”** jointly conducted by Sahitya Academy, New Delhi and Tamil Department, NGM College held from 5th April 2010 to 7th April 2010 at NGM College, Pollachi
78. Participated in the **National Seminar on “Perspectives of INDIAN TOURISM INDUSTRY”** held at NGM College, Pollachi during 24th and 25th January 2007.
79. Participated in the **17th Annual Session of the Tamil Nadu History Congress** held at NGM College, Pollachi from 8th to 10th October 2010.
80. Participated in the **National Level Workshop on Nanomeasurements – nanomeasure 2011 (sponsored by – DRDO, BRNS, CSIR, DST, UGC & TNSCST)**, organized by the Department of Physics, NGM College, Pollachi during 15th and 16th September 2011.
81. Participated in the **National Conference on “Tholkappiamum and Samakaala Thevayum”** conducted by Tamil Department, N.G.M. College, Pollachi from 26.2.2014 to 28.2.2014
82. Participated in the **National Conference on “Sangaa Ilakkiyathil Nunkalaikal”** conducted by Tamil Department, N.G.M. College, Pollachi from 26.2.2015 to 28.2.2015
83. Participated in the **National Seminar on Empowering the Youth to Enrich Mankind** held on 29th February 2016 organized by Human Excellence Department, N.G.M. College, Pollachi.

**8. DETAILS OF BOOKS AND PAPERS PUBLISHED
(IF THE SPACE PROVIDED HERE IS INADEQUATE :
GIVE DETAILS IN A SEPARATE SHEET)**

EDITOR / EDITORIAL BOARD MEMBER IN INTERNATIONAL JOURNALS
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1. Acted as an EDITOR OF JOURNAL OF APPLIED SCIENCES RESEARCH (American – Eurasian Network for Scientific Information Journals (AENSI)), **JORDAN** (ISSN No; 1819 – 544x (Print))
2. Acted as an ASSOCIATE EDITOR OF SCHOLARS JOURNAL OF ENGINEERING AND TECHNOLOGY (SJET – SAS Publishers) (ISSN No: 2321 – 435x (online), 2347 – 9253 (Print)) (IC Value: 4.21)
3. Acted as an ASSOCIATE EDITOR OF SAUDI JOURNAL OF ENGINEERING AND TECHNOLOGY (SJEAT) (SCHOLARS MIDDLE EAST PUBLISHERS, **DUBAI**) (ISSN No: 2415-6264 (online), 2415 – 6272 (Print))
4. Acted as an EDITORIAL BOARD MEMBER IN INTERNATIONAL JOURNAL OF COMPUTER AND ADVANCED ENGINEERING (IJCAER) (ISSN No: 2395-4523)

BOOKS WRITTEN / COMPILED

- Written a Course Book for the PGDCA Course entitled “**INTERNET AND JAVA PROGRAMMING**” For the School Of Distance Education, Bharathiar University, Coimbatore.

- Acted as a **REVIEWER for Information Technology Research Journal (ITRJ)** in the year 2011
- Published and Acted as an **EDITOR of the Conference Proceedings** for the UGC sponsored National Level Conference on Advanced Computer Application on October 11, 12 – 2002.
- Published and Acted as an **EDITOR of the Abstracts Book** for UGC Sponsored National Level Conference on Advanced Computer Application on October 11, 12 – 2002.
- Acted as a **SUB EDITOR** of the NGM College Magazine from 1994 to 1997.
- Acted as a **REVIEWER** for the PGDCA Course Book “**Programming in C and C++**” for the School Of Distance Education, Bharathair University, Coimbatore.

JOURNAL PUBLICATIONS

2007

1. **R. Manicka chezian and T.Devi,**” Continual Queries for Updating Web Information using Time-Based Triggers” in the ACCST Research Journal, Volume V, No. 4, pp 270-277, October 2007 (**ISSN No. 0972-7779 ARJ**)

2009

2. **R. Manicka chezian and T.Devi,** “ Confluence Property Determination using Associative Law” in the International Journal of Engineering Research and Industrial Applications (IJERIA), Vol. 2, No. II, pp 349-358, January 2009 (**ISSN No. 0974-1518**) (**Impact Factor 0.2204**)

2011

3. **R. Manicka chezian and T.Devi**, “A New Algorithm to Detect the Non-Termination of Triggers in Active Databases”, in the International Journal on Advanced Networking and Applications (IJANA) Vol.03, Issue 02, pp 1098-1104, Sept-Oct 2011 (**ISSN No. 0975-0290 (print), 0975-0282 (Online)**) (**Thomson Reuter Journals’ Researcher ID: B-8619-2016**)
4. **R. Manicka chezian and R. Vijayanand**, “Gender Equality Analysis in the Census Report 2011 for Tamil Nadu State by using Outlier Detection”, in the Karpagam Journal of Computer Science, Vol.6, Issue 1, pp 1-7, Nov-Dec 2011, (**ISSN No. 0973-2926**)
5. **R. Manicka chezian and T.Devi**, “Design and Development of Algorithms for Identifying Termination of Triggers in Active Databases” in the International Journal of Information Systems and Change Management (IJISCM), USA, Vol. 5, No. 3, pp 251-266, 2011 (**ISSN No. 1479-313x (online), 1479-3121 (print)**) (**H Index 5**) (**Scopus Indexed Journal**)

2012

6. **R. Manicka chezian, E.Sivaraman and P.S. Balamurugan**, “Eco-Friendly Computing: A Technical Perspectives of Green Computing” in the International Journal of Communications and Engineering, Vol. 04, No.4, pp 85-92, March 2012, (**ISSN No. 0988-0382E**)
7. **R. Manicka chezian and P.M. Nishad**, “Enhanced LZW (Lempel-Ziv-Welth) Algorithm by Binary Search with Multiple Dictionary to Reduce Time Complexity for Dictionary Creation in Encoding and Decoding” in the International Journal of Advanced Research in Computer Science and Software Engineering, Volume 2, Issue 3, pp 192-198, March 2012, (**ISSN No. 2277-128X**) (**Impact Factor 2.080**)

8. **R. Manicka chezian and P.M. Nishad**, “Optimization of LZW (Lempel-Ziv-Welch) Algorithm to reduce Time Complexity for Dictionary Creation in Encoding and Decoding” in the Asian Journal of Computer Science and Information Technology, Vol.2, Issue 5, pp 114-118, 2012 **(ISSN No. 2249-5126)** **(IC Value 5.09) (ISI Web of Science Indexed)**
9. **R. Manicka chezian and P.M. Nishad**, “ A Vital Approach to compare the Size of DNA Sequence using LZW (Lempel-Ziv-Welch) with Fixed Length Binary Code and Tree Structure”, in the International Journal of Computer Applications, Volume 43, No. 1, pp 7-9, April 2012 **(ISSN No. 0975-8887)**
10. **R. Manicka chezian and P.M. Nishad**, “SCIBS (Subset Count Index Based Search) Indexing Algorithm to reduce the Time Complexity of Search Algorithms” in the Indian Journal of Computer Science and Engineering (IJCSE), Vol.3, No.2, pp 269-276, Apr-May 2012, **(ISSN No. 0976-5166)**
11. **R. Manicka chezian and K.Saravanakumar.**” A Survey on Association Rule Mining using Apriori Algorithm” in the International Journal of Computer Applications (IJCA), Volume 45, No.5, pp 47-50, May 2012 **(ISSN No. 0975-8887) (Impact Factor 0.814)**
12. **R. Manicka chezian, V. Anandhi and Dr. K.T. Parthiban**, “ Forecast of Demand and Supply of Pulpwood using Artificial Neural Network” in the International Journal of Computer Science and Telecommunications, Volume 3, Issue 6, pp 35-38, June 2012 **(ISSN No. 2047-3338)**
13. **R. Manicka chezian and C. Bagyalakshmi**, “A Survey on Cloud Data Security using Encryption Technique” in the International Journal of Advanced Research in Computer Engineering and Technology, Volume 1, Issue 5, pp 263-265, July 2012 **(ISSN No. 2278-1323)**
14. **R. Manicka chezian and M. Janani**, “A Survey on Content Based Image Retrieval System” in the International Journal of Advanced Research in Computer

Engineering and Technology, Volume 1, Issue 5, pp 266-269, July 2012 (**ISSN No. 2278-1323**)

15. R. Manicka chezian and M. Karthika, “ A Survey on Ad-Hoc in Wireless Sensor Networks” in the International Journal of Advanced Research in Computer Engineering and Technology, Volume 1, Issue 5, pp 270-273, July 2012 (**ISSN No. 2278-1323**)

16. R. Manicka chezian and S. Hemalatha, “ Present and Future of Cloud Computing: A Collaborated Survey Report” in the International Journal of Innovative Technology and Exploring Engineering, Volume 1, Issue 2, pp 216-223, July 2012 (**ISSN No. 2278-3075**) (**Impact Factor 1.0**)

17. R. Manicka chezian and V. Anandhi, “ Back Propagation Algorithm for Forecasting the price of Pulpwood Eucalyptus” in the International Journal of Advanced Research in Computer Science, Volume 3, No.4, pp 355-357, July-August 2012 (**ISSN No. 0976-5697**) (**ICV Impact Factor 5.47**)

18. R. Manicka chezian and K. Saravanakumar, “Analysis on Suspicious Thyroid Recognition using Association Rule Mining” in the Journal of Global Research in Computer Science (JGRCS), Volume 3, No. 9, pp 47-50, September 2012 (**ISSN No. 2227-371X**) (**Impact Factor 0.60**)

19. R. Manicka chezian and C. Bagyalakshmi, “ A Secured Searching in Cloud Data using Cryptographic Technique” in the International Journal of Advanced Research in Computer Engineering and Technology (IJARCET), Volume 1, Issue 7, pp 10-15, September 2012 (**ISSN No. 2278-1323**)

20. R. Manicka chezian and P.M. Nishad, “Data Mining Approach To Evaluate the Lossless Data Compression Algorithms” in the International Journal of Advanced Research in Computer Engineering and Technology (IJARCET), Volume 1, Issue 8, pp 83-92, October 2012 (**ISSN No. 2278-1323**)

21. **R. Manicka chezian and P. Sumathi**, “Detecting Terror Activities on Web Using Data Mining Techniques”, CiiT International Journal of Data Mining Knowledge Engineering, December 2012, **(Print ISSN 0974 – 9683 & Online 0974 – 9578)**

2013

22. **R. Manicka chezian and P.M. Nishad**, “ Various Colour Spaces and Colour Space Conversion Algorithms” Journal of Global Research in Computer Science (JGRCS), Volume 4, No. 1, pp 44 – 48, January 2013,**(ISSN No. 2229 – 371X)**
(Impact Factor 0.60)
23. **R. Manicka chezian and S. Hemalatha**, “Implicit Security Architecture Framework in Cloud Computing Based on Data Partitioning and Security Key Distribution” in the International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS) Vol. 3 No. 113, pp. 76-81 , Dec.2012 - Feb. 2013 **(ISSN (Print): 2279-0047 ISSN (Online): 2279-0055)**
(Impact Factor 1.237)
24. **R. Manicka chezian and P.M. Nishad**, “ A Survey on Lossless Dictionary Based Data Compression Algorithms”, International Journal of Science, Engineering & Technology Research, Volume 2, Issue 2, pp 256-261, February 2013 **(ISSN No. 2278 – 7798)**
25. **R. Manicka chezian and P.Vijayakumar**, “Privacy Preservation Using Randomized Attribute Selection Based on Knowledge Hiding” in The International Journal of Engineering and Science (IJES), Volume 2, Issue 4, pp 53-57, April 2013 **(ISSN(e): 2319-1813, ISSN(p): 2319 – 1805)**
26. **R. Manicka chezian and V.Anandhi**, “Biased Gaussian Kernel Support Vector Machines – A Forecasting Method”, Australian Journal of Basic and Applied Sciences, 7(7), 634 – 644, May 2013 **(ISSN No. 1991 – 8178) (H Index: 10)**
(SCOPUS INDEXED JOURNAL)

- 27. R. Manicka chezian and J. Vijay Arputharaj** “Data Mining with Human Genetics To Enhance Gene Based Algorithm and DNA Database Security” in the International Journal of Computer Engineering and Technology (IJCET), Volume 4, Issue 3, pp 176-181, May-June 2013, (ISSN (Print) 0976 – 6367, ISSN (Online) 0976 – 6375) (Impact Factor 6.1302)
- 28. R. Manicka chezian and V. Anandhi,** “Comparison of the Forecasting Techniques – ARIMA, ANN and SVM – A Review” in the International Journal of Computer Engineering and Technology (IJCET), Volume 4, Issue 3, pp 370-376, May-June 2013, (ISSN (Print) 0976 – 6367, ISSN (Online) 0976 – 6375) (Impact Factor 6.1302)
- 29. R. Manicka chezian and J. Vijay Arputharaj,** “A Collective Algorithmic Approach for Enhanced DNA Database Security” in the International Journal of Management and Information Technology, Volume 4, No. 1, pp 174-178, June 2013, ISSN No. 2278-5612 (Impact Factor 1.103)
- 30. R. Manicka chezian and V. Anandhi,** “Support Vector Regression To Forecast the Demand and Supply of Pulpwood” in the International Journal of Future Computing and Communication (IJFCC), Vol. 2, No. 3. pp 266-269, June 2013 (ISSN No. 2010 – 3751)
- 31. R. Manicka chezian and P.Vijaykumar,** “ Privacy Preserving Large Scale Transactional Data Set Using State Transitional Matrix” in the International Journal of Innovative Research & Development, Vol 2 Issue 6, pp 943 – 954, June 2013, (ISSN No. 2278 – 0211 (Online))
- 32. R. Manicka chezian and J.Priya,** “ A Survey on Image Mining Techniques for Image Retrieval”, International Journal of Advanced Research in Computer Engineering and Technology (IJARCET), Volume 2, Issue 7, pp 2287-2291, July 2013 (ISSN No: 2278 – 1323)

- 33. R. Manicka chezian and Vaishali S. Raj**, “A Study on Recent Sophisticated Malwares and Advanced Threats on Cyberspace”, of International Journal Advanced Research in Computer and Communication Engineering (IJARCCE), Volume 2, Issue 7, pp 2250 – 2253, July 2013 **(ISSN (Print): 2319 – 5940, ISSN (Online) 2278 – 1021)) (Impact Factor 1.770)**
- 34. R. Manicka chezian and Divyapriya. R**, “Accurate Forecasting Prediction of Foreign Exchange Rate using Neural Network Algorithms: A STUDY”, International Journal of Computer Science and Mobile Computing (IJCSMC), Volume 2, Issue 7, pp 344 – 349, July 2013, **(ISSN No. 2320 – 088X) (Impact Factor 1.972)**
- 35. R. Manicka chezian and Kalaivani. R**, “A Competent Data Set Grouping in Clustering Algorithms”, International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Volume 3, Issue 8, pp 158-161, August 2013 (**ISSN No. 2277 – 128X) (Impact Factor 2.080)**
- 36. R. Manicka chezian and Vaishali S. Raj**, “ **DELAY – Disruption Tolerant Network (DTN), its Network Characteristics and Core Applications**”, International Journal of Computer Science and Mobile Computing (IJCSMC), Volume 2, Issue 9, pp 256 - 262, September 2013 **(ISSN No. 2320 – 088X) (Impact Factor 1.972)**
- 37. R. Manicka chezian and Kalaivani. R**, “**Object Detection in Video Frames Using Various Approaches**”, International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Volume 2, Issue 9, p 157 – 160, September 2013 **(ISSN (Print): 2319 – 5940, ISSN (Online) 2278 – 1021)) (Impact Factor 1.770)**
- 38. R. Manicka chezian and Divyapriya. R**, “**Labelling Multi-Instances Using Two Level Distributions Algorithm**”, International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Volume 2,

Issue 9, pp 3602 – 3605, September 2013 (ISSN (Print): 2319 – 5940, ISSN (Online) 2278 – 1021)) (Impact Factor 1.770)

39. R. Manicka chezian and V. Anandhi, “Regression Analysis for Predicting Wood Pulp Demand PSO Optimization”, Global Journal of Science Frontier Research Environment and Earth Science (USA), Volume 13, Issue, Version 1.0, pp 9 -13, 2013 (Online ISSN 2249 – 4626, Print ISSN 0975 – 5896)

40. R. Manicka chezian and V. Anandhi, "Support Vector Regression in Forecasting”, International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Volume 2, Issue 10, pp 4148 – 4151, October 2013 (ISSN (Print): 2319 – 5940, ISSN (Online) 2278 – 1021)) (Impact Factor 1.770)

41. R. Manicka chezian and P.Jayapriya. “A Study on Image Restoration and its Various Blind Image Deconvolution Algorithms”, International Journal of Computer Science and Mobile Computing (IJCSMC), Volume 2, Issue 10, pp 273 - 278, October 2013 (ISSN No. 2320 – 088X) (Impact Factor 1.972)

42. R. Manicka chezian and P.Sumathi, “Pattern Information Architecture image processing tool, clustering techniques” International Journal of Advanced Research in Computer Science & Software Engineering (IJARCSSE), Volume 3 Issue 11 - November 2013 (ISSN No: 2277 – 128X)

2014

43. R. Manicka chezian and S. Hemalatha, “ Dynamic Auditing Protocol using Improved RSA and CBDH for Cloud Storage”, International Journal of Advanced Research in Computer Science and Software Engineering, Volume 4, Issue 1, pp 686 – 694, Januaray 2014 (ISSN No: 2277 – 128X)

44. R. Manicka chezian and Vaishali S. Raj, “Advanced Persisten Threats & Recent High Profile Cyber Threat Encounters”, Internatioanl Journal of

Innovative Research in Computer and Communication Engineering, Vol 2, Issue 1, pp 2412 – 2417, **January 2014**, (ISSN No: 2320 – 9801 (Online), 2320 – 9798 (Print))

- 45. R. Manicka chezian and Nishad P.M., “Computational Complexity of Multiple Dictionary Lempel Ziv Weltech (MDLZW) Algorithm and its Data Structure Implementations”, Australian Journal of Basic and Applied Sciences, Volume 8, Issue 1, pp 1 – 9, Januaray 2014 (ISSN No. 1991 – 8178) (H Index: 10)**
- 46. R. Manicka chezian and P.Sumathi, “ A Study on Anatomy of Ontology Based Image Retrieval”, Internatioanl Journal of Science, Engineering and Technology Research (IJSETR), Volume 3, Issue 2, pp 244 – 247, February 2014 (ISSN No: 2278 – 7798)**
- 47. R. Manicka chezian and P.Sumathi, “Text Mining With Information Extraction of Predicting Diseases” Karpagam Journal of Computer Science, Volume 7, Issue 1, March 2014 (ISSN No: 0976 – 2926)**
- 48. Dr. R. Manicka Chezian and V.Anandhi, “Regression techniques in Software Efforts Estimation Using COCOMO Dataset”, International Conference on Intelligent Computing Application, held on 7th, 8th March 2014, at Bharathiar University, Coimbatore and published in IEEE Explore pp 353 – 357 , 978-1-4799-3966-4/14 DOI 10.1109/ICICA.2014.79.**
- 49. Dr. R. Manicka Chezian and Nishad PM “Behavioral Study of Data Structures on Lempel Ziv Weltech (LZW) Data Compression Algorithm and its Computational Complexity”, International Conference on Intelligent Computing Application, held on 7th, 8th March 2014, at Bharathiar University, Coimbatore and published in IEEE Explore pp 268 – 274, 978-1-4799-3966-4/14 DOI 10.1109/ICICA.2014.64.**

50. **Dr. R. Manicka Chezian and E. Sivaraman “High Performance and Fault Tolerant Distributed File System for Big Data Storage and processing using Hadoop”**, International Conference on Intelligent Computing Application, held on 7th, 8th March 2014, at Bharathiar University, Coimbatore and published in IEEE Explore pp 32 - 36, 978-1-4799-3966-4/14 DOI 10.1109/ICICA.2014.16.
51. **Dr. R. Manicka chezian and J. Vijay Arputharaj, “ Big Data Management through Polymer Data to accentuate Progression based algorithm”**, International Journal of Interdisciplinary Research, EDUVED, Volume 1, Issue 3, pp 1- 14, **June 2014** (ISSN No: 2348 – 6775)
52. **Dr. R. Manicka chezian and G. Angulakshmi, “An Analysis on Opinion Mining: Techniques and Tools”** International Journal of Advanced Research in Computer and Communication Engineering, Volume 3, Issue 7, pp 7483 – 7487, **July 2014** , (ISSN (Print): 2319 – 5940, ISSN (Online) 2278 – 1021)) (**Impact Factor 1.770**)
53. **Dr. R. Manicka chezian and R. Anandhi, “A Review on Geographic Routing in Wireless Sensor Network”**, International Journal of Innovative Research in Computer and Communication Engineering, Vol 2 Issue 7, pp 5101 -5106, **July 2014**, (ISSN No: 2320 – 9798 (Print), 2320 – 9801 (Online)) (**Impact Factor 1.386**)
54. **Dr. R. Manicka chezian and R. Anandhi, ”LGDSTR: Local Greedy Distributed Spanning Tree Routing by Reducing Local minima in higher dimesnsional space”** International Journal of Innovative Research in Computer and Communication Engineering, Vol 2 Issue 8, pp 5350 -5357, **August 2014**, (ISSN No: 2320 – 9798 (Print), 2320 – 9801 (Online)) (**Impact Factor 1.386**)
55. **Dr. R. Manicka chezian and G. Angulakshmi, “Three Level Feature Extraction for Sentiment Classification”**, International Journal of Innovative Research in Computer and Communication Engineering, Vol 2 Issue 8, pp 5501-

5507, **August 2014**, (ISSN No: 2320 – 9798 (Print), 2320 – 9801 (Online))
(**Impact Factor 1.386**)

56. Dr. R. Manicka chezian and P. Marimuthu, “ Mobile Operating Systems based on kernel: A Study”, International Journal of Engineering Associates, Volume 3, Issue 8, pp 20 -24, August 2014 ISSN: 2320 - 0804

57. Dr. R. Manicka chezian and R. Deepa, “A Study on Data Cleansing and Classification Algorithms for Large Dataset Systems” International Journal of Research in Advent Technology, Vol. 2, No.9, pp 97 – 102, September 2014 E-ISSN: 2321 – 9637

58. Dr. R. Manicka chezian and S. Hemalatha, “Security Strength of RSA and Attribute Based Encryption for Data Security in Cloud Computing” International Journal of Innovative Research in Computer and Communication Engineering, Vol 2 Issue 9, pp 5847-5852, September 2014, (ISSN No: 2320 – 9798 (Print), 2320 – 9801 (Online)) (Impact Factor 1.386)

59. Dr. R. Manicka chezian and D.Poobathy, “Identification and Classification of Cloud-dense areas in Infrared Weather Imagery using Intensity Contours” International Journal of Engineering Research and General Science Volume 2, Issue 5, pp 462 – 470, August-September, 2014 (ISSN 2091-2730) (Impact Factor 3.843)

60. Dr. R. Manicka chezian and D. Poobathy, “Edge Detection Operators: Peak Signal to Noise Ratio Based Comparison” International Journal on Image, Graphics and Signal Processing, 2014, pp 55-61 Published Online September 2014 in MECS (<http://www.mecs-press.org/>) DOI: 10.5815/ijigsp.2014.10.07

61. Dr. R. Manicka chezian and R. Rubini, “An Analysis on Search Engines: Techniques and Tools” International Journal of Advanced Research in Computer and Communication Engineering, Vol.3, Issue 9. pp 7860 – 7864, September

2014 ISSN (Online): 2278 – 1021, ISSN (Print): 2319 – 5940 (Impact Factor 4.582)

62. Dr. R. Manicka chezian and K. Saravana kumar, “ Support Vector Machine and K-Nearest Neighbor Based Analysis for the Prediction of Hypothyroid”, International Journal of Pharma and Biosciences, Volume 5, Issue 4, pp 447 – 453, October 2014 ISSN: 0975 – 6299 (Elsevier Scopus Indexed) (Impact Factor 5.121)

63. Dr. R. Manicka chezian and S. Hemalatha, “Performance of Ring Based Fully Homomorphic Encryption for securing data in Cloud Computing”, International Journal of Advanced Research in Computer and Communication Engineering Vol. 3, Issue 11, pp 8496 – 8500, November 2014 ISSN (Online): 2278 – 1021, ISSN (Print): 2319 – 5940 (Impact Factor 4.582)

64. Dr. R. Manicka chezian and S. Hemalatha “An Efficient RSA Based Data Integrity Schema in Secured Cloud Storage” , Research Journal of Applied Sciences, Engineering and Technology, Maxwell Scientific Organisation , Vol. 8 No.20 , pp. 2103 - 2109, November 2014 ISSN 2040 - 7459 (Elsevier SCOPUS Indexed) (H Index: 10)

65. Dr. R. Manicka chezian and E.Sivaraman, “ A Highly Scalable Private Cloud Infrastructure for Educational Institutions based on Ubuntu Enterprise Cloud with Eucalyptus” in International Journal of Computer Applications (for Majan College International Conference, Muscat, Oman) pp 6 – 10, 2014 (ISSN: 0975-8887)

66. Dr. R. Manicka chezian and R. Rubini, “ Efficient Clustering Multiple Web Search Engine Results and Ranking” in International Journal of Innovative Research in Computer and Communication Engineering Volume 2, Issue 9, pp 5886 – 5892, December 2014 (ISSNNo: 2320 – 9798 (Print), 2320 – 9801 (Online)) (Impact Factor 1.386)

2015

67. **R. Manicka chezian and J. Rajeswari, “Ascent-Based Monte Carlo Expectation – Maximization Outlier Detection for Large-Scale Categorical Data”** ,International Journal of Applied Engineering Research (IJAER), , Vol. 10 No.4 , pp. 8575 – 8589, **2015** ISSN 0973-4562 (SCOPUS Indexed).(H Index: 3)
68. **Dr. R. Manicka chezian and C. Saranya, “A Survey on Virtualization Data Centers for Green Cloud Computing”** in International Journal for trends in Engineering & Technology (IJTET), Volume 3, Issue 2, pp: 1-4, **February 2015**, (ISSN: 2349-9303) (Impact Factor: 0.998)
69. **Dr. R. Manicka chezian and J. Vijay Arputharaj, “Cultural Hub Jijiga – Discovery of Hidden Facts towards Indo Ethiopian Literal and Cultural Impacts”** Department of Social Science, Monthly Lecture Series, Article Publication, Feb 2015, Jigjiga University, Ethiopia, Volume I, Local Issue, pp 13 – 14, February 2015.
70. **Dr. R. Manicka chezian and G. Ahilandeewari “A Survey on approaches for frequent item set mining”** in International Journal for trends in Engineering & Technology (IJTET), Volume 3, Issue 3, ,pp: 1-4 **March 2015**, (ISSN: 2349-9303) (Impact Factor: 0.998)
71. **Dr, R. Manicka chezian and G. Ahilandeewari “A Comparative study of frequent pattern mining Algorithms : Apriori & FP Growth on Apache Hadoop”** in International Journal of Innovations & Advancement in Computer (IJIACS), Volume 4, Special Issue, pp: 451-458 **March 2015**, (ISSN: 2347-8616) (Impact Factor: 2.65)
72. **Dr. R. Manicka chezian and C. Saranya, “A study of Energy Aware DVFS Approaches on Virtualization IDC in Cloud Computing”** in International

Journal of Innovations & Advancement in Computer (IJIACS), Volume 4, Special Issue, pp: 586-595 **March 2015**, (ISSN: 2347-8616) (**Impact Factor: 2.65**)

73. Dr. R. Manicka chezian and R.Deepa, “An Involuntary Data extraction and Information Summarization Expending Ontology” ,International Journal of Applied Engineering Research (IJAER), , Vol. 10 No.44 , pp.31469 – 31473, **May 2015** ISSN 0973-4562 (**SCOPUS Indexed**) (**H Index: 5**)

74. Dr. R. Manicka chezian and S. Hemalatha “An Enhanced RSA with Attribute Based Encryption for Securing User Log in Cloud Computing” ,International Journal of Applied Engineering Research (IJAER), , Vol. 10 No.44 , pp.31474-31478, **May 2015** ISSN 0973-4562 (**SCOPUS Indexed**) (**H Index: 5**)

75. Dr. R. Manicka chezian and G. Ahilandeewari “A Comparative analysis of Association rule excavating in Big Data Mining Algorithms” International Journal of Computer Sciences & Engineering (IJCSE), Volume 3, Issue 6, pp 82 – 88, **June 2015** (E – ISSN: 2347-2693) (**Impact Factor: 1.251**)

76. Dr. R. Manicka chezian and C. Kanakalakshmi, “A Concise Study on Text Mining for Business Intelligence” International Journal of Advanced Research in Computer and Communication Engineering, Vol. 4, Issue 6. pp 76 – 79, **June 2015** ISSN (Online): 2278 – 1021, ISSN (Print): 2319 – 5940 (**Impact Factor 4.582**)

77. Dr. R. Manicka chezian and K.Vijayalakshmi, “ Performance Evaluation of Ad-hoc Protocols in MANET and VANET”, International Journal of Advanced Research in Computer and Communication Engineering, Vol. 4, Issue 6. pp 208 -212, **June 2015** ISSN (Online): 2278 – 1021, ISSN (Print):2319 – 5940 (**Impact Factor 4.582**)

78. Dr. R. Manicka chezian and K.Vijayalakshmi, “Pursuance of Average Delay and Throughput Analysis on Ad hoc Network

Protocols”International Journal of Innovative Research in Computer and CommunicationEngineering (IJIRCCE), Volume 3 Issue 7, pp 6868 – 6874, **July 2015, (ISSNNo: 2320 – 9798 (Print), 2320 – 9801 (Online)) (Impact Factor 1.386)**

79. Dr. R. Manicka chezian and C. Saranya, “ A Metaphorical Research on Diversified Approaches of DVS Enabled Energy – Aware Cloud Data Centers under the Cloudism Platform”, International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Volume 3 Issue 7, pp 6858 – 6867, July 2015, (ISSN No: 2320 – 9798 (Print), 2320 – 9801 (Online)) (Impact Factor 1.386)

80. Dr. R. Manicka chezian and S. Hemalatha, “Ensuring Data Integrity and Security using Digital Signature Based Elliptic Curve Cryptography in Cloud Storage”, Australian Journal of Basic and Applied Sciences, 9(23), pp 391 - 40, July 2015 (ISSN No. 1991 – 8178) (H Index: 10)

81. Dr. R. Manicka chezian and C. Kanakalakshmi, “Feature Selection Approaches with Text Mining For Categorical Variable Selection” International Journal for Research in Science, Engineering and Technology(IJRSET), Volume 2, Issue 6, pp 1 – 8, August 2015, (ISSN No. 2394 – 739x)

82. Dr. R. Manicka chezian and G. Ahilandeewari “A Streamlined Frequent Item set excavating using FP growth from Map Reduce” International Journal of Computer Sciences & Engineering (IJCSE), Volume 3, Issue 9, pp 1 – 6, September 2015 (E – ISSN: 2347-2693) (Impact Factor: 1.251)

83. Dr. R. Manicka chezian and C. Kanakalakshmi, “Adaptive Relevance Feature Discovery for Text Mining with Simulated Annealing Approximation” International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Volume 3 Issue 10, pp 9490 - 9497, October 2015, (ISSN No: 2320 – 9798 (Print), 2320 –9801 (Online)) (Impact Factor 1.386)

84. Dr. R. Manicka chezian and C. Saranya, “ A Speculative Converge of Energy-Aware Effectual Intendence of DVS Data Centers for Green Cloud Environment”, International Journal of Advent Research in Computer and Electronics (IJARCE), Volume 2, No. 10, pp 8 – 13, **October 2015 (E- ISSN No: 2348-5523)**
85. Dr. R. Manicka chezian and K.Vijayalakshmi, “ Gregarious Characteristics Based Social Aware Routing in Mobile Ad-hoc Network” International Journal of Computer Sciences & Engineering (IJCSE), Volume 3, Issue 10, pp 32 – 37, **October 2015 (E – ISSN: 2347-2693) (Impact Factor: 1.251)**
86. Dr. R. Manicka chezian and C. Saranya, “An Energy Proficiency Positioned Dynamic Threshold Approach to the Migration of Virtual Machines in DVS Empowered Green Cloud Data Centers”, International Journal of Scientific Engineering and Technology (IJSET), Volume 4, Issue No. 10, pp 532 – 536, **November 2015, (ISSN No: 2277 – 1581)**
87. Dr. R. Manicka chezian and G. Ahilandeewari, “An Effectual Breakthrough for Concord Relentless Itemset Exhuming Based on Map Reduce”, International Journal of Scientific Engineering and Technology (IJSET), Volume 4, Issue No. 10, pp 515 – 518, **November 2015, (ISSN No: 2277 – 1581)**
88. Dr. R. Manicka chezian and K. Madhavan, “ A Study on Information Security and Risk Management in I.T. Organizations” International Journal of Engineering Sciences & Research Technology (IJESRT) Volume 4, Issue 12, pp 12 -18, **December 2015 (ISSN No. 2277 – 9655) (Impact Factor 3.785)**
89. Dr. R.Manickachezian and E.Sivaraman, “Unevenness Measurement Using Support Vector Machine and Dynamic Multiservice Load Balancing with Modified Genetic Algorithm in Cloud-Based Multimedia System”, IEEE Proceedings of the International Conference on Green Engineering and Technology, Karpagam College of Engineering, Coimbatore **(Publication in**

2016

- 90. Dr. R. Manicka chezian and R. Akil Sindhu, “ The Movement of Web from Web 0.0 to Web 5.0 : A Comparative Study”, International Journal of Multidisciplinary Research and Development, Volume 3, Issue 3, pp 176 – 179, March 2016 (ISSN No: 2349 – 5979 (Print), 2349 – 4182 (Online))**
- 91. Dr. R. Manicka chezian and S.Saranya, “ Mobile Adhoc Network Architectures, Challenges and Applications”, International Journal of Multidisciplinary Research and Development, Volume 3, Issue 3, pp 74 – 77, March 2016 (ISSN No: 2349 – 5979 (Print), 2349 – 4182 (Online))**
- 92. Dr. R. Manicka chezian and R. Akil Sindhu, “ Semantic Web and Ontology: Effective Approaches to build Intelligent Web”, International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Volume 4, Issue 3, pp 4241 – 4248, March 2016 (ISSN No: 2320 – 9798 (Print), 2320 – 9801 (Online))**
- 93. Dr. R. Manicka chezian and R.Deepa, “Methods and Techniques to evaluate the Performance of Data Cleansing Algorithms for very Large Database Systems” International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), Volume 5, Issue 3, pp 777 – 785, March 2016 (ISSN No. 2278 – 1323)**
- 94. Dr. R. Manicka chezian and R.Deepa, “An Ontological Approach for the Semantic Web Search and the Keyword Similarity Metrics” International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Volume 5, Issue 3, pp 678 – 683, March 2016 (ISSN No. (Online) 2278 – 1021, (Print) 2319 – 5940)**

95. Dr. R. Manicka chezian and E. Sivaraman, “Scheduling and Load Balancing Algorithms in Cloud Based Architectures 360-Degree Compared ” International Journal of Applied Engineering Research (IJAER), Vol. 11 No.3 , pp.755 - 761, 2016 ISSN 0973-4562 (SCOPUS Indexed) (H Index: 5)

96. Dr. R. Manicka chezian and P.Sumathi, “ Semantic-Based Web Mining for Image Retrieval using Enhanced Support Vector Machine ” International Journal of Applied Engineering Research (IJAER), Vol. 11 No.5 , pp.3276 - 3281, 2016 ISSN 0973-4562 (SCOPUS Indexed) (H Index: 5)

97. Dr. R. Manicka chezian and Stibu Stephen, “ A Graph Data Summarization and Data Visualization Technique”, International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Volume 5, Issue 4, pp 280 - 282 April 2016 (ISSN (Online) 2278-1021, (Print) 2318 – 5940)

98. Dr. R. Manicka chezian and R. Akil Sindhu, “Adapting Keyword Recommendation Approach to Folksonomics to Edu-Area using Hierarchical Classification”, International Journal of Computer Science and Engineering Communications, Volume 4, Issue 5, pp 1343-1350, April 2016 (ISSN No. 2347-8586)

99. Dr. R. Manicka chezian and K. Madhavan, “Information Security Risk Assessment by using Data Mining – A Review” International Journal of Emerging Technologies in Engineering Research (IJETER), Volume 4, Issue 5, pp 276 – 280, May 2016

100. Dr. R.Manickachezian and E.Sivaraman, “Multiservice Load Balancing with Hybrid Particle Swarm Optimization in Cloud-Based Multimedia Storage System with QoS Provision”, ARPN Journal of Engineering and Applied Sciences (Accepted for publication) (ISSN No: 1819 – 6608)

9. ADMINISTRATIVE, MANAGERIAL AND ORGANIZATIONAL EXPERIENCE

:

- Acted as a **MEMBER OF ACADEMIC ADVISORY BODY** at **Vysya College (A Grade by NAAC), Salem.**
- Acted as a **CHAIRMAN / CHIEF EXAMINER OF U. G. COMPUTER SCIENCE** Paper Valuation Board for the Bharathiar University Examinations from 1998 to 2016.
- Acted as a **HOD-IN-CHARGE in the Department of Computer Science, N.G.M. College, Pollachi many times whenever HOD is on leave from 1990 to 2016.**
- Acted as an **EXPERT** for the **DOCTORAL COMMITTEE MEETING** conducted for the Candidates of Part Time Ph.D (External) in the subject of Computer Science at **Bharathiar University, Coimbatore** on 22-7-2012
- Acted as a **CHAIRMAN** for the Technical Session in the NAAC Sponsored National Seminar on Academic Excellance through Quality Sustenance and Enhancement organized by Internal Quality Assurance Cell (IQAC), NGM College, Pollachi, held on 17th and 18th August 2012
- Acted as an **EXPERT** for the **DOCTORAL COMMITTEE MEETING** conducted for the Candidates of Part Time Ph.D (External) in the subject of Computer Science at Bharathiar University, Coimbatore on 17-10-2012.
- Acted as a **Subject Expert** for the Selection of Project Fellow for the Major Research Project held on 2-11-2012 in Government Arts College, Udumalpet

- Acted as a **RAPPORTEUR** for the Technical Session in the 23rd Annual Conference of South Indian Numismatic Society held on 5th & 6th January 2013 at NGM College, Pollachi.
- Acted as an **EXPERT** for the **DOCTORAL COMMITTEE MEETING** conducted for the Candidates of Part Time Ph.D (External) in the subject of Computer Science at Bharathiar University, Coimbatore on 16-03-2013.
- Acted as a **SUBJECT EXPERT** for recruiting Assistant Professors of M.C.A Department of Vasavi Vidya Trust Group of Institutions, Salem on 12.5.2013
- Acted as a **RAPPORTEUR** in the CICT sponsored National Seminar on “The Charismatic Past of Ancient Kongu with special reference to the Tamil Classical Period (upto 6th Century A.D)” held from 29th to 31st August 2013
- Acted as a **TECHNICAL COMMITTEE MEMBER** in the Organizing Committee of International Conference on Computing Applications ICICA 2014 at **Bharathiar University, Coimbatore** held from 6th March 2014 and 7th March 2014.
- Acted as a **CHAIRPERSON in the** International Conference on Computing Applications ICICA 2014 at **Bharathiar University, Coimbatore** on 6th March 2014
- Acted as a **SUBJECT EXPERT** for recruiting Assistant Professors in the Department of Computer Science of **Vysya College and Jairam Arts & Science College, Salem** on 11 – 5 - 2014
- Acted as a **SUBJECT EXPERT for** recruiting Assistant Professors of MCA Department of **Vasavi Vidya Trust Group of Institutions , Salem on 11 – 5 – 2014**
- Acted as a **CHAIRPERSON** in the UGC Sponsored National Conference on Advanced Networking and Applications (NCANA 15), 27th March 2015, **Government Arts & Science College, Udumalpet**

- Acted as an **EXPERT** in the interview committee panel for the selection of Lecturers for Vysya College, Salem and Jayaram College of Arts and Science, Salem.
- Acted as an **EXPERT EVALUATOR** to **evaluate the Staff Members** in the Computer Science Department for NAAC at **Park's College, Tirupur** on 29 – 12-2010.

**10. EXTENSION SERVICE / INNOVATIONS /
INVOLVEMENT IN THE CAMPUS ACTIVITIES :
ETC. – GIVE DETAILS**

BOARD OF STUDIES IN COMPUTER SCIENCE

- Acted as **Board of Studies Member** for the MCA course at **Sri Rama Krishna Mission Vidyalaya College of Arts and Science (Autonomous), Coimbatore -20.**
- Acted as **Board of Studies Member** in Computer Science for a period of 2 years (2001 - 2003 and 2003 - 2004) at **Erode Arts College (Autonomous), Erode.**
- Acted as a **Board of Studies Member** in Computer Science (U.G) for the period from 1-1-2007 to 31-12-2009 at **Bharathiar University, Coimbatore.**
- Acted as a **Board of Studies Member** in Computer Science for the period from the academic year 2007 -2008 to 2009 -2010 at **Parks College (Autonomous), Tirupur.**

- Acted as a **Board of Studies Member** in Computer Science & Computer Applications (U.G.) from the academic year 2010 – 2012 at **Sri GVG College of Arts & Science for Women, Udumalpet.**
- Acted as a **Board of Studies Member** in Computer Science (Both U.G. and P.G.) at **N.G.M. COLLEGE (AUTONOMOUS COLLEGE), POLLACHI** from 1989 to 2010.

BOARD OF EXAMINERS (CHAIRMAN / CHIEF EXAMINER / EXAMINER)

- **MANONMANIAM SUNDARANAR UNIVERSITY**
- **PERIYAR UNIVERSITY**
- **BHARATHIDASAN UNIVERSITY**
- **AVINASHILINGAM DEEMED UNIVERSITY**
- **BHARATHIAR UNIVERSITY**
- **VARIOUS AUTONOMOUS COLLEGES ALL OVER TAMIL NADU**

BOARD OF QUESTION PAPERS SCRUTINY
--

- **MANONMANIAM SUNDARANAR UNIVERSITY**
- **PERIYAR UNIVERSITY**

AS A MEMBER OF THE INSPECTION COMMITTEE (FOR BHARATHIAR
--

UNIVERSITY) INSPECTED THE FOLLOWING COLLEGES

- **KONGUNADU ARTS AND SCIENCE COLLEGE, COIMBATORE - 29**
- **P K R ARTS COLLEGE FOR WOMEN, GOBICHETTIPALAYAM**
- **VASAVI COLLEGE, ERODE**
- **ERODE CHRISTIAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN
ERODE**
- **NIRMALA COLLEGE FOR WOMEN, COIMBATORE**
- **SHRI NEHRU MAHA VIDYALAYA COLLEGE OF ARTS AND SCIENCE,**

MALUMICHAMPATTI, COIMBATORE – 21

- **SREE SARASWATHI THYAGARAJA COLLEGE, POLLACHI**
- **A J K COLLEGE OF ARTS & SCIENCE, COIMBATORE (for M.Phil)**
- **SREE RAMU COLLEGE OF ARTS & SCIENCE, POLLACHI**
- **G V G COLLEGE OF ARTS AND SCIENCE FOR WOMEN, UDUMALPET**
- **KONGU ARTS & SCIENCE COLLEGE (for M.Phil)**
- **SREE RAMU COLLEGE OF ARTS & SCIENCE, N.M. Sungam, Pollachi**
- **R V S COLLEGE OF ARTS AND SCIENCE , SULUR, COIMBATORE (for Ph D)**
- **SRI SUBASH COLLEGE OF ARTS AND SCIENCE, POLLACHI**

GUEST LECTURES GIVEN

- Attended a M.C.A Inaugural function as a Chief Guest and delivered an inaugural address on the topic “**Genomic databases**” held on Thursday, 4th August 2005 at P.K.R Arts College for Women, Gobichettipalayam.
- Given a **Guest Lecture** to the MBA students of Shri Nehru Maha Vidyalaya , Coimbatore on 15-11-1997.
- Delivered a Guest lecture for U.G computer science students on the topic “**Bio informatics**” on 19-2-2003 at Sree Saraswathi Thyagaraja College, Pollachi.
- Delivered a guest lecture on the topic “**IT enabled services**” to the English literature students of NGM College on 23rd October 2006.
- Delivered a Guest Lecture on the topic “**Cloud Computing**”, Bharathiar University Arts & Science College, Valparai on 18-4-2010.
- Delivered a Guest Lecture on the topic “**Opportunities in Cloud Computing**” in Sri RamaKrishna Mission Vidyalaya College of Arts & Science, Coimbatore.

- Delivered a Guest Lecture on the topic “**Genomic databases and DNA Computers**” in Sri RamaKrishna Mission Vidyalyaya College of Arts & Science, Coimbatore.
- Delivered Guest Lecture on the topic “**E-Commerce-Challenges & Opportunities**” at Vidyasagar College of Arts & Science, Udumalpet.
- Delivered a Guest Lecture on the topic “**Genomic databases & DNA computers**” at Vidyasagar College of Arts & Science, Udumalpet.
- Acted as a **RESOURCE PERSON** and delivered lecture on “**Research Issues in Databases**” and “**Research Issues in Data Mining**” to the participants of the **Refresher Course in Computer Science and Applications on 1 – 8 – 2013 organized by UGC – Academic Staff College, Bharathiar University, Coimbatore.**
- Participated in the Golden Jubilee Seminar on “Synergies and Harmony between Indian Values and Modern Science” conducted at Sri Ramakrishna Mission Vidyalyaya College of Arts and Science, Coimbatore on 13 – 9 - 2013 **and DELIVERED A TALK on “Research Issues In Computer Science”.**
- **PRESIDED** over the Inaugural function of One Day Workshop on Emerging Trends in Computer Science and delivered a Guest Lecture on “Opportunities in Computer Science” at Sri Subash Arts and Science College, Pollachi on 13-9-2012.
- Delivered a Guest Lecture on “**Text Mining**” on 24th December 2014 organised by PG Department of Computer Applications at **Vidyasagar College of Arts and Science, Udumalpet**
- Acted as a **CHIEF GUEST** for the Inauguration of Computer Science Association on 29th July 2015 at **Vidyasagar College of Arts and Science, Udumalpet** and delivered a **Lecture on “Challenges in IT Field”.**
- Acted as a **CHIEF GUEST** in the Valedictory Function of the UGC Sponsored National Conference on Advanced Networking and Applications (NCANA 15). on.,

27th March 2015, **Government Arts & Science College, Udumalpet** and delivered a **Lecture on “Research Issues in Computer Science Field”**.

- Delivered and participated in various programmes in **All India Radio, Coimbatore**.
- Acted as a visiting faculty at **Vysya College, Salem**.

SOME OF THE CAMPUS ACTIVITIES

- Acted as an **ORGANIZING SECRETARY** to conduct UGC Sponsored National Level Conference on Advanced Computer Applications on October 11, 12-2002 in the **Dept of Computer Science, N.G.M. College, Pollachi**.
- Acted as a **MEMBER IN ORGANIZING COMMITTEE** to conduct UGC sponsored National Seminar on Perspectives of Indian Tourism Industry held at NGM College, Pollachi during 24th and 25th January 2007.
- Acted as a **MEMBER IN ORGANIZING COMMITTEE** to conduct Tamil Nadu History Congress held at NGM College, Pollachi, 2010.
- Served as a **DIRECTOR** in the **NGM College Staff, Co-operative, Credit and Thrift Society Limited** from 1999 to 2001.
- Acted as an **INTERNAL AUDITOR** in the ISO team for N G M College, Pollachi from 2004 to till Date.
- Acted as a **JOINT CO-ORDINATOR** for the “**Ethics and Culture**” programme from the academic year **1992 - 1993 to 2007 – 2008 in N.G.M. College, Pollachi**.
- Acted as a **CO-ORDINATOR** of “**Thought for the Day**” programme from the academic year **1994 – 1995 to 2000 – 2001 in N.G.M. College, Pollachi**.

- Acted as a **CO-ORDINATOR** of University Affairs Committee at NGM College from 2005 to till date.
- Acted as a **CO-ORDINATOR** of **Fine Arts Club at NGM College, Pollachi** from 2009 to till date.
- Acted as a **MEMBER OF NAAC COMMITTEE** at NGM College, Pollachi from 2005 to till date.
- Acted as a **MEMBER OF ADMISSION COMMITTEE** in **NGM COLLEGE, POLLACHI** from 1992 – 1996.
- Has been acting as an **SECRETARY FOR NGM ALUMNI ASSOCIATION** since 2014
- Acted as **PROCTOR** in the Proctorial System for B.Sc.,(Computer Science) students to improve their skills and talents.
- Acted as a **GUIDE FOR VARIOUS PROJECTS** done by B.Sc (Computer Science), MCA and PGDCA students of NGM College, Pollachi from 1989 to till date

RESOURCE PERSON IN VARIOUS UNIVERSITIES / COLLEGES

- Acted as a **RESOURCE PERSON** for the **Refresher Course Applied Linguistics** conducted for the college teachers at **BHARATHIAR UNIVERSITY, Coimbatore.**
- Acted as a **RESOURCE PERSON** in the **National Seminar on “Research Perspectives in Computer Science”** held at **SELVAM COLLEGE OF TECHNOLOGY** on 17th September 2011

- Acted as a **VISITING PROFESSOR** to handle the course “Advanced Operations Research” for the MBA students of **SHRI NEHRU MAHA VIDYALAYA COLLEGE OF ARTS AND SCIENCE, COIMBATORE**
- Acted as a **VISITING PROFESSOR** to handle the courses “ Computer Based Simulation” “CAD and CAM”, “Java Programming” for the MCA students of **COIMBATORE INSTITUTE OF MANAGEMENT AND TECHNOLOGY, NARASIPURAM, COIMBATORE**
- Acted as a **RESOURCE PERSON** to teach a course for the M.Phil (Computer Science) students of **BHARATHIDASAN UNIVERSITY, TIRUCHIRAPALLI.**
- Acted as a **RESOURCE PERSON** to teach a course for the M.Phil (Computer Science) students of **MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI.**
- Acted as a **RESOURCE PERSON** to teach a course for the M.C.A students of **BHARATHIDASAN UNIVERSITY, TIRUCHIRAPALLI.**
- Acted as a **RESOURCE PERSON** to teach a course for the M.Sc., I.T., students of **BHARATHIDASAN UNIVERSITY, TIRUCHIRAPALLI.**
- Acted as a **RESOURCE PERSON** to teach a course for the M.C.A students of **BHARATHIAR UNIVERSITY, COIMBATORE**
- Acted as a **RESOURCE PERSON** to teach a course for the M.Sc., Computer Science students of **BHARATHIAR UNIVERSITY, COIMBATORE**
- Acted as a **RESOURCE PERSON** to teach a course for the M.Tech Computer Science students of **PUNJABI UNIVERSITY**
- Acted as a **RESOURCE PERSON** to teach a course for the M.C.A students of **MADURAI KAMARAJ UNIVERISITY, MADURAI.**

- Acted as a **GUIDE FOR MCA STUDENTS** studying at School of Distance Education, **BHARATHIAR UNIVERSITY, COIMBATORE** from 2002 to till date for various projects.
- Acted as a **GUIDE FOR M.SC (COMPUTER SCIENCE)** students studying at School of Distance Education, **BHARATHIAR UNIVERSITY, COIMBATORE** in the year 2008.
- Acted as a **GUIDE FOR MCA STUDENTS** studying at School of Distance Education, **BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI** from 2000 to 2006 for various projects.
- Acted as a **GUIDE FOR M.SC (INFORMATION TECHNOLOGY)** students studying at School of Distance Education, **BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI** From 2000 to 2006 for various projects.
- Acted as a **MEMBER OF VARIOUS COMMITTEES** in various Seminars, Conferences and Founder's Day Celebrations, Sports Day Celebrations conducted in **NGM COLLEGE, POLLACHI FROM 1989 TO TILL DATE.**

11. ANY OTHER DETAILS

Ph D PRODUCED / SUBMITTED

(i) Candidate Name: **V. ANADHI**

Ph. D Thesis Title: **Design and Development of Algorithms in Support
Vector Regression for Forecasting Pulpwood and
Software Effort Estimation**

Ph. D Viva-voce Date: 17 – 10 - 2014

(ii) Candidate Name: NISHAD PM

Ph. D Thesis Title: A Novel Approach to Reduce Computational Complexity of Multiple Dictionary Lempel Ziv Welch (MDLZW) using Indexed K – Nearest Twin Neighbor (IKNTN) Clustering and Binary Insertion Sort Algorithms

Ph. D. Viva-voce Date: 25 – 3 – 2015

(iii) Candidate Name: SARAVANAKUMAR. K

Ph. D Thesis Title: Enhanced Association Rule Based Classification Algorithms to Reduce Retrieval Time and Memory Usage by Generating Suitable Frequent Itemsets in Databases

Ph. D THESIS Submitted

(iv) Candidate Name: S. HEMALATHA

Ph. D Thesis Title: Design and Development of Enhanced Encryption Algorithms for Improving Data Security and Data Integrity in Data-Centric Cloud Environment

Ph. D Thesis Submitted

PH D RESEARCH SCHOLARS UNDER MY GUIDANCE

- (i) R. Deepa**
- (ii) P.Sumathi**
- (iii) E. Sivaraman**
- (iv) Gokulan**
- (v) D. Poobathy**
- (vi) Stibu Stephen**

NUMBER OF M.Phil PRODUCED / SUBMITTED
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NUMBER OF M. PHIL'S PRODUCED : 26

Academic Year 2010 -2011 :	4 Scholars
Academic Year 2011 -2012 :	4 Scholars
Academic Year 2012 -2013 :	5 Scholars
Academic Year 2013 -2014 :	5 Scholars
Academic Year 2014 -2015 :	4 Scholars
Academic Year 2015 -2016 :	4 Scholars

MAJOR PROJECTS APPLIED TO UGC

PROJECT 1:

ID NO: MRP-MAJOR-COMP-68780

**TITLE: “ Protect Forest Trees from Illegal Logging by Fixing RFID
Microchips on Trees and Setting up Computarized Monitoring
Centre”**

PROJECT ESTIMATED COST: Rs. 15, 26, 610

SUBMITTED DATE: 30 – 8 – 2014

PROJECT 2:

ID NO: MRP-MAJOR-COMP-69456

**TITLE: “Gaze Controlled Operating System for Orthopaedic Handicap
(Handless) People”**

PROJECT ESTIMATED COST: Rs. 11, 99, 905

SUBMITTED DATE: 31 – 8 – 2014

ORIENTATION / REFRESHER COURSES PARTICIPATED

- Participated in the **28th Orientation Programme** of the Academic Staff College held at **Bharathiar University, Coimbatore** from 19-4-1995 to 16-5-1995
- Participated in the **Need Based Refresher Course** In The Educational Technology (Interdisciplinary) conducted by the Academic Staff College, **Bharathiar University, Coimbatore** from 20-3-1999 to 9-4-1999.
- Participated in the **Refresher Course** on Recent Trends in Information Technology from 9-11-1999 to 29-11-1999 at Academic staff College, **Bharathidasan University, Tiruchirapalli.**
- Participated in the **Refresher Course** in Computer Science from 31-7-2001 to 21-8-2001 at the Academic Staff College, **University of Madras, Chennai.**

MEMBER OF PROFESSIONAL BODIES

- **LIFE MEMBER of THE INDIAN SCIENCE CONGRESS ASSOCIATION.**
Membership Number: L16730
- **MEMBER of COMPUTER SOCIETY OF INDIA.** Membership Number: N113569
- **MEMBER of INTERNATIONAL ASSOCIATION OF ENGINEERS (IAENG).**
Membership Number: 128221
- **MEMBER of Computer Science Teachers Associations (CSTA)**
- **MEMBER of Association of Scientists, Developers and Faculties (ASDF)**
Membership ID: 4950421118869911