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## Present Position

Professor, Department of Chemical Engineering, Alagappa College of Technology, Anna University, Chennai from January-2009.

## Present Additional Responsibility

- > Director, Internal Quality Assurance Cell, Anna University, Chennai from August-2013.
- > Director, AU-TVS Centre for Quality Management, Anna University, Chennai from August-2013.

## Previous Positions

- > Assistant Professor, , College of Engineering Guindy, Anna University, Chennai from January-2002.
- > Lecturer SI.Grade, Centre for University Industry Collaboration, College of Engineering Guindy, Anna University, Chennai from January-2002.
- > Lecturer Sr. Grade, Centre for University Industry Collaboration, College of Engineering Guindy, Anna University, Chennai during January-1999 and January-2002.

## Previous Additional Responsibility

- > Director, AU-TVS Centre for Quality Management, Anna University, Chennai during October-2008 and March-2013.
- > Director, , Anna University, Chennai during December-2005 and December-2005.
- > , , Anna University, Chennai.
- > , , Anna University, Chennai.

## Other Employment

- > Executive Warder, Alagappa College of Technology for Six months.
- > Consultant, Anandha Technical Services for 1987 - 1988.

- > , .
- > Technical Secretary to CMD, Tamil Nadu Industrial Explosives for 1988 – 1993.
- > Special Officer, MMA Polytechnic & Management Institute Chennai for 1986 – 1987.

## Degree

- ❖ M.B.A. in OPERATIONS MANAGEMENT, SOMAIYA INSTITUTE OF MANAGEMENT STUDIES AND RESEARCH, BOMBAY UNIVERSITY (1984 - 1986).
- ❖ B.Tech. in CHEMICAL ENGINEERING , A.C.COLLEGE OF TECHNOLOGY, ANNA UNIVERSITY (1979 - 1984).

## Research Degree

- ❖ Ph.D. in QUALITY from Faculty of FACULTY OF MECHANICAL ENGINEERING, A.C.COLLEGE OF TECHNOLOGY, ANNA UNIVERSITY (1994 - 2001).  
Title: STUDIES ON ENVIRONMENTAL QUALITY UPKEEP,PRESERVATION & QUANTIFICATION WITH LIFECYCLE ASSESSMENT.

## Area of Specialisation

- > TOTAL QUALITY MANAGEMENT

## Research Guidance

Number of Ph.D Scholars Guided : 9  
Number of Ph.D Scholars Guiding : 6

## Papers Published in Journals

Research Papers Published in International Journals : 32  
Research Papers Published in National Journals : 20

1. R.P.Mohanty, K.Narashiman, " An Assessment of Maintenance Management Functions in Indian Industries", Maintenance Management International, published by Elsevier Science Publishers. Vol. 7, pp. 7-13 (1987).
2. N.Baluswamy,K.Narashiman, "Need for Industry institute interaction", Information centre for technology transfer (ICTT) News, published by Tamilnadu state council for science and technology. pp. 7-10 (1993).
3. N.Baluswamy, K.Narashiman, "New Vistas on University, Research Establishment and Industries Collaboration ", Cooperation among University Research and Industrial Enterprises(CURIE, published by BITS,Pilani. Vol. 1, pp. 20-23 (1994).

4. K.Narashiman, N.Ravichandran, " Needed technology through university-industry collaboration", Engineering education-An Indian perspective, published by College of Engineering,AndhraUniversity,Vishak. Vol. 1, pp. 30-38 (1994).
5. K.Narashiman, "Benchmarking in technical education", Issues relating to women in technical education, published by ISTE Chapter of PeriyarManiammai College of Techno. pp. 22 (1997).
6. K.Narashiman, " Organizational structure, Responsibility,Authority& Resources ", Issues relating to women in technical education, published by ISTE Chapter of PeriyarManiammai College of Techn. pp. 18 (1997).
7. M.Thie,L.GrotrianPahl,G.Dias da Cunha,J.L.DuarteRiberio,K.Narashiman, "Ensuring innovation competence in companies in emerging markets through introduction of new quality methods", Global production management-advances in production management sysems-APMS'99, published by Fraunhofer Institute. pp. 505-513 (1999).
8. T.V.Subramanian,M.Velu,K.Narashiman,D.Pandiyan, "Lifecycle assessment and its applications and waste management in fermentation industry", CHEMCON 2001 CHEMIE, published by Indian institute of chemical engineers. Vol. 54, pp. 111 (2001).
9. K.Narashiman,R.RadhaKrishnan,N.Ravichandran, "Workable role model, the industry – Institution linkage way", quality sustenance and enhancement , published by NAAC. pp. 206-211 (2001).
10. K.Narashiman,Logendra,N.Ravichandran, "Cost of Quality: Tracking cost savings through adoption of TQM Programs", operational research for development& XXXV Annual convention of the ORSI(icord2002), published by Anna University. pp. 100 (2002).
11. N.Ravichandran,S.Krishnakumar,K.Narashiman, "Role of product Data management in concurrent enterprising", 8th International Conference on concurrent Enterprising, pp. 37 (2002).
12. S.PrinceArockiaDoss,K.P.Mohammed,K.Narashiman,V.DennisRozario, "Knowledge based PFMEA", total engineering analysis & manufacturing technologies(Team TECH 2004) , published by Indian Institute of science,Bangalore. pp. 93 (2004).
13. S.PrinceArockiaDoss,K.P.Mohammed,K.Narashiman,V.DennisRozario, " PFMEA and their implementation issues in automotive industries", emerging trends in business management, published by Crescent Engineering college. pp. 128-134 (2004).
14. S.PrinceArockiaDoss,K.P.Mohammed,K.Narashiman,V.DennisRozario, "PFMEA and their implementation issues in automotive industries", 2nd Asian Network for quality congress & 18th Asia Quality Symposium-Abstracts, published by Indian society for quality,National Institute for . pp. 28 (2004).
15. A.Azad,A.Sampathkumar,K.Narashiman, " Total productive maintenance for medium and small scale industries", latest trends in mechanical engineering, published by Dr.Mahalingam college of Engineering and Technolo. pp. 145-151 (2005).

16. S.PrinceArockiaDoss,L.AravindKumaran,K.P.Mohammed,S.Venketaswamy,K.Narashiman,V.DennisRozario, " A study into the use of Process failure mode and effect analysis in the automotive industry in India", "Competitive Manufacturing Technology & Management for Global Marketing", published by B.S AbdurRahmanCrescent.EnggCollege,VAndalur,Chen. pp. 255-260 (2005).
17. S.PrinceArockia Doss, S.Venketaswamy, K.P.Mohammed,K.Narashiman, " Impact of TQM on the mindset of Engineering Students", (ICQ'05)Quality 2005-Tokyo, published by Union of Japanese Scientists and Engineers. pp. 403 (2005).
18. S.PrinceArockiaDoss,K.P.Mohammed,K.Narashiman,V.DennisRozario, "Use of the Process Failure Mode and Effect Analysis(PFMEA) for Improving Manufacturing Reliability", (ICQ'05)Quality 2005-Tokyo, published by Union of Japanese Scientists and Engineers. pp. 433 (2005).
19. S.PrinceArockiaDoss,K.P.Mohammed,K.Narashiman,V.DennisRozario, "Knowledge based Failure mode and effect analysis in concurrent design process ", (ICQ'05)Quality 2005-Tokyo, published by Union of Japanese Scientists and Engineers. pp. 385 (2005).
20. A.Azad,K.Narashiman, "Measurement of the effectiveness of training under TQM environment in manufacturing industries", ICTM-2005, information and communication technology in management 2005, published by Multimedia university,Melaka,Malaysia. (2005).
21. A.Azad,A.Sampathkumar,K.Narashiman, "Performance improvement of organizations through employee education", achieving business excellence through TQM, published by ,Tamilnadu State Centre,The Institution of Engineer. pp. 21-22 (2006).
22. A.Azad, K.Narashiman, "Training under TQM Environment In Manufacturing Industries", MT & M Manufacturing Technology & Management , published by Indian Institute of Production engineers. Vol. 2, pp. 24-28 (2006).
23. A.Azad,T.N.ShrikanthaDath,K.Narashiman, "Effects of Technical Training ", Journal of Technical and Vocational Education, published by National Institute of Technical teachers training . Vol. 23, pp. 9-14 (2006).
24. A.Azad,K.Narashiman, "Effect of technical training on the employee in manufacturing industries", modern industrial training(CMIT), published by The HongKong Polytechnic University,Hongkong. (2006).
25. SrikanthaDath.T.N,C.Rajendran,K.Narashiman, "Development of framework to identify the critical factors and operating elements of supply chain management", global manufacturing and innovation(GMI 2006), published by Coimbatore Institute of Technology. pp. 28 (2006).
26. S.MeenaKumari, K.Narashiman, "Consumer Expectation and Consumer Perception: A Study of Retail Sector of Kanchipuram Town", The ICFAI Journal of Services Marketing , published by ICFAI University Press. Vol. 4, pp. 37-45 (2006).
27. A.Azad,K.Narashiman, "Technical training and supply chain management", 2nd International conference on operations and supply chain management , published by University of Thai chamber of Commerce,Bangkok,tha. (2007).

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28. A.Azad,K.Narashiman, "Training and human resources management in industries", INDO-NAFEMS engineering analysis and simulation, published by Bangalore. (2007).
  29. A.Azad,K.Narashiman, "Effects of technical training on the employee", supply chain management INFORMATICA\_2007, published by Issue of Public Enterprise,Hyderabad. (2007).
  30. A.Azad,K.Narashiman, "A study on the organizational benefits of technical training", borneo business conference 3rd annual conference, published by UniversitiMalaysia,Sabah,Malaysia. (2008).
  31. A.Azad, K.Narashiman, " Effects of Technical Training in Industries ", MT & M Manufacturing Technology & Management, published by Indian Institute of Production engineers. Vol. 2, pp. 26-29 (2008).
  32. SrikanthaDath.T.N,C.Rajendran,K.Narashiman, " A study on supply chain management from the retailer's perspective ", Int.J. Procurement Management, published by Inderscience Enterprises Ltd.,. Vol. 1, pp. 453-471 (2008).
  33. S.PrinceArockia Doss, K.Narashiman ,N.MadhavaKrishna,P.K.Umashankar, "A comprehensive Study into the use of Process Failure Mode and Effect Analysis (PFMEA) in the automotive industries in India", MT & M Manufacturing Technology & Management , published by Indian Institute of Production Engineers(IIPE). Vol. 3, pp. 125-129 (2009).
  34. SrikanthaDath.T.N,C.Rajendran,K.Narashiman, "A conceptual framework for supply chain management with specific reference to a developing economy", INT.J.Logistics systems and management, Vol. 15, pp. 473-524 (2009).
  35. SrikanthaDath.T.N,C.Rajendran,K.Narashiman, "An empirical study on supply chain management :perspective of logistics service providers", INT.J.Logistics systems and management, Vol. 6, pp. 1-22 (2010).
  36. SrikanthaDath.T.N, C.Rajendran, K.Narashiman, "An empirical study on supply chain management in india:perspective of original equipment manufacturers and suppliers", European j.industrial engineering, Vol. 14, Issue 1, pp. 2-39 (2010).
  37. K.Dhayanidhi,A.Azad,K.Narashiman, "The use of third party logistics services – A literature review", International conference on recent advances in mechanical engineering (ICRAME-2010), published by Noorul Islam University,Kanyakumari. Vol. 2, pp. 59-66 (2010).
  38. A.Azad,K.Narashiman, "Effect of technical training on the organization in manufacturing industry", Asian conference on social sciences, published by Osaka,Japan. (2010).
  39. R.Agusthiyar,K.Narashiman, "Study and Analysis of algorithms for data quality aspects in data mining", computer application for managerial excellence-2010, published by Loyola Institute of Technology,Chennai 103.. pp. 284-288 (2010).
  40. R.Agusthiyar,K.Narashiman,R.Murugan, "Data quality aspects in data mining algorithms-A performance comparison", "Embedded Electronics and Computing Systems(INC2011-EECS), published by SKR Engineering College,Chennai. pp. 209-214 (2011).

41. A.Azad,K.Narashiman, "Effect of technical training in manufacturing industry", ACSSSR2011-ASEAN scientific and social science research, published by Universiti Teknologi,Mara,Penang,Malaysia. (2011).
42. R.Agusthiyar ,K.Narashiman, "Survey on Data Quality aspects in data mining algorithms", Research j.of computer systems and engineering, published by Technical journals. Vol. 2, Issue 5, pp. 269-274 (2011).
43. P.Satheesan,K.Narashiman, "Sustainability of quality system management practices in SME sector", Second International Conference on Advances in Industrial Engineering Applications(ICAIEA 2014)-souvenir, published by Anna University. pp. 70 (2014).
44. Agusthiyar R, Narashiman K, "An Enhanced Data Cleaning Approach for Data mining using Neural Network Methods", International Journal of Applied Engineering Research, published by ISSN 0973-4562 Research India Publications . Vol. 10, Issue 18, pp. 38829-38833 (2015).
45. Agusthiyar R, Narashiman K, "An ETL based Framework for Data Cleaning in Multi Data Source", International Journal of Applied Engineering Research, published by Research India Publications. Vol. 10, Issue 4, pp. 10005-10014 (2015).
46. Gopinath S, Ramanathan M, Sankar NA, Narashiman K, "Supply Chain Issues in Medium Scale Auto Component Manufacturers : Case Study Approach", Middle East Journal of Scientific Research, Vol. 24, pp. 245 - 249 (2016).
47. "The moderating effect of emotional intelligence on relationship between Self-Efficacy and Organizational commitment among Teachers", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, Issue 7, pp. 1288 - 1300 (2016).
48. Gopinath S, Balan SK, Ramanathan M & Narashiman K, "Measure of Utilisation of Government Schemes & Support by Small and Medium Enterprises (SME) : Service Providers Perspective", Applied Mechanics and Materials , published by Journal of Scientific Research. Vol. 867, pp. 283-289 (2017).
49. Gopinath S, Vikram H, Vaidya GR & Narashiman K, "Human Resource Risk Management in Small and Medium Enterprises", World Applied Sciences Journal , published by ISSN 1818 - 4952. Vol. 35, Issue 5, pp. 718-722 (2017).
50. Gopinath S, Sanjay Ram, Narashiman K, "An Empirical Study of Operations Risk Management in Small and Medium Enterprises in India ", Middle East Journal of Scientific Research, published by ISSN 1990-9233. Issue 5, pp. 960-965 (2017).
51. Gopinath S, Sundaram AVR, Sheshadri R, Narashiman K, "Frame work of Conceptual Model for Quality Management in Small and Medium Enterprises(SME)", International Journal of Enterprise Network Management, published by ISSN : 17481260, . Vol. 9, Issue 2, pp. 143-155 (2018).
52. Divya J, Narashiman K, "An empirical investigation into the factors distorting the rhetoric of human capital development with specific reference to Distance Education Institutions in Tamilnadu, India", The online Journal of Distance Education and e-learning, Vol. 6, Issue 1, (2018).

## Papers Presented in Programmes

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Research Papers Presented in International Programmes : 23  
Research Papers Presented in National Programmes : 12

1. M.Thie,L.GrotrianPahl,G.Dias da Cunha,J.L.DuarteRiberio,K.Narashiman, "Needed technology through university-industry collaboration" presented in a International level conference on Engg.education'94- An Indian perspective, organised by College of Engineering Andhra University,Vishakapatnam, India from 19-Nov-1994.
2. K.Narashiman, "Organizational structure, Responsibility,Authority& Resources " presented in a National level seminar on Issues Relating to Women in technical education , organised by ISTE Chapter of PeriyarManiammai College of Technology for Women, India from 24-Jan-1997 to 25-Jan-1997.
3. "Ensuring innovationcompetence in companies in emerging markets through the introduction of new quality methods." presented in a International level conference on advances in production management systems-global production management(APMS'99)- Ensuring innovation competence in emerging , organised by Berlin,Germany, Germany from 06-Sep-1999 to 10-Sep-1999.
4. K.Narashiman,R.RadhaKrishnan,N.Ravichandran, "How to instill Quality in technical education- A Practical approach" presented in a National level conference on Wake up to the need of Quality in Technical Education, organised by National Board of Accreditation, India from 20-Sep-1999.
5. "Workable role model,the Industry-Institution Linkage way. " presented in a National level conference on Quality sustenance and enhancement, organised by NAAC, India from 19-Oct-2001 to 20-Oct-2001.
6. K.Narashiman,R.RadhaKrishnan,N.Ravichandran, "Sustaining Quality of education online workbook approach" presented in a National level conference on Quality sustenance and enhancement, organised by NAAC., India from 19-Oct-2001 to 20-Oct-2001.
7. T.V.Subramanian,M.Velu,K.Narashiman,D.Pandiyan, "Lifecycle Assessment and its application and waste management in fermentation industry" presented in a International level conference on ICh.EChemcon 2001 A case study of a fermentation industry is being subjected to Life Cycle Assessment and paradigm shifting.-theme, organised by Indian institute of chemical engineers&CLRI,Chennai-20, India from 18-Dec-2001 to 22-Dec-2001.
8. N.Ravichandran,S.Krishnakumar,K.Narashiman, "Role of product data management in concurrent enterprising" presented in a International level conference on concurrent enterprising- product data management , organised by Rome, Rome,Italy from 17-Jun-2002 to 19-Jun-2002.
9. K.Narashiman,Logendra,N.Ravichandran, "Cost of Quality:Tracking cost savings through adoption of TQM Programs" presented in a International level conference on operational research for development - Operation Research in emerging technologies for societal transformation and development, organised by Anna University , Chennai., India from 27-Dec-2002 to 30-Dec-2002.
10. A.Azad,A.Sampathkumar,K.Narashiman, "Quality as a weapon to fight competition" presented in a National level conference on management in transition, organised by University of Madras, India from 20-Feb-2003 to 21-Feb-2003.

11. "PFMEA And their Implementation Issues in automotive Industries" presented in a National level conference on Emerging trends in Business Management, organised by Dept.of Management studies Crescent Engg. College, Vandalur,Chennai, India from 05-Jun-2004.
12. S.PrinceArockiaDoss,K.P.Mohammed,K.Narashiman,V.DennisRozario, "PFMEA and their implementation challenges in Automotive industries" presented in a International level conference on Quality for Prosperity of Asia -2nd Asian Network for quality congress &18th Asia Quality Sysposium, organised by India Habitat Centre,New Delhi, India from 16-Aug-2004 to 19-Aug-2004.
13. S.PrinceArockiaDoss,K.P.Mohammed,K.Narashiman,V.DennisRozario, "Knowledge based PFMEA" presented in a International level conference on Total Engineering Analysis & Manufacturing Technologies- Integration/product life cycle management, organised by JN Tata Auditorium.IISc,Bangalore, India from 02-Nov-2004 to 04-Nov-2004.
14. "A study into the use of PFMEA in automotive industry in India." presented in a National level conference on Competitive Manufacturing Technology and management for global marketing, organised by B.S AbdurRahmanCrescent.EnggCollege,VAndalur,Chennai., India from 07-Jan-2005 to 08-Jan-2005.
15. "Total Productive Maintenance for medium and Small Scale Industries" presented in a National level conference on Latest trends in mechanical engineering, organised by Dept. of Mechanical Engg. Dr.Mahalingam College of Engg& Tech., India from 01-Apr-2005 to 02-Apr-2005.
16. A.Azad,K.Narashiman, "Measurement of the effectiveness of training under TQM environment in manufacturing industries" presented in a International level conference on information and communication technology in management , organised by Multimedia university,Melaka,malasiya, Malaysia from 23-May-2005 to 25-May-2005.
17. A.Azad,K.Narashiman, "Measurement of the effectiveness of training under TQM environment in manufacturing industries" presented in a International level conference on information and communication technology in management , organised by Multimedia university,Melaka,malasiya, Malaysia from 23-May-2005 to 25-May-2005.
18. S.PrinceArockia Doss, S.Venkataswamy, K.P.Mohammed,K.Narashiman,, "Impact of TQM on the mindset of the engineering students" presented in a International level conference on Quality evolution –Way to sustainable growth -ICQ'05- Tokyo, organised by Keio plaza hotel,Tokyo,japan, Japan from 13-Sep-2005 to 16-Sep-2005.
19. S.PrinceArockia Doss, S.Venkataswamy, K.P.Mohammed,K.Narashiman,, "Impact of TQM on the mindset of the engineering students" presented in a International level conference on Quality evolution –Way to sustainable growth -ICQ'05- Tokyo, organised by Keio plaza hotel,Tokyo,japan, Japan from 13-Sep-2005 to 16-Sep-2005.
20. S.PrinceArockiaDoss,K.P.Mohammed,K.Narashiman,V.DennisRozario, "Use of the Process Failure Mode and Effect Analysis(PFMEA) for Improving Manufacturing Reliability" presented in a International level conference on Quality evolution –Way to sustainable growth -ICQ'05- Tokyo, organised by Keio plaza hotel,Tokyo,japan, Japan from 13-Sep-2005 to 16-Sep-2005.



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21. S.PrinceArockiaDoss,K.P.Mohammed,K.Narashiman,V.DennisRozario, "Knowledge based Failure mode and Effect Analysis in concurrent design process" presented in a International level conference on Quality evolution –Way to sustainable growth -International Conference on Quality,2005, organised by Keio plaza hotel,Tokyo,japan, Japan from 13-Sep-2005 to 16-Sep-2005.
  22. " Performance improvement of organizations through employee education" presented in a National level conference on achieving business excellence through TQM , organised by Quality council of India, India from 21-Apr-2006 to 22-Apr-2006.
  23. SrikanthaDath.T.N,C.Rajendran,K.Narashiman, "Development of framework to identify the critical factors and operating elements of supply chain management" presented in a International level conference on Global Manufacturing and Innovation- Supply chain management GMI2006, organised by CIT , Coimbatore,Tamilnadu,India, India from 27-Jul-2006 to 29-Jul-2006.
  24. A.Azad,K.Narashiman, " Effect of technical training on the employee in manufacturing industries" presented in a International level conference on modern industrial training, organised by The hongkong polytechnic university, honhkong. from 24-Oct-2006 to 27-Oct-2006.
  25. A.Azad,K.Narashiman, "Training and human resource management in manufacturing industries" presented in a National level conference on engineering Analysis and stimulation, organised by Bangalore, India from 11-Jan-2007 to 12-Jan-2007.
  26. A.Azad,K.Narashiman, "Effect of technical training on employee" presented in a National level conference on supply chain management, organised by Institute of public enterprise , Hyderabad, India from 22-Jan-2007 to 23-Jan-2007.
  27. A.Azad,K.Narashiman, "Technical training and supply chain management" presented in a International level conference on operations and supply chain management, organised by University of thai chamber of commerce, Bangkok,Thailand from 18-May-2007 to 20-May-2007.
  28. A.Azad,K.Narashiman, "A study on organizational benefits of technical training." presented in a International level conference on borneo business conference,3rd annual conference, organised by University malasiyasabah,Malasiya, sabah,Malasiya from 15-Dec-2008 to 17-Dec-2008.
  29. K.Dhayanidhi,A.Azad,K.Narashiman, "The use of third party logistics services- A literature review" presented in a International level conference on recent advances in mechanicalEngineering(ICRAME 2010), organised by Noorulislamuniversity,kanyakumari,tamilnadu,india, India from 08-Apr-2010 to 09-Apr-2010.
  30. K.Dhayanidhi,A.Azad,K.Narashiman, "The use of third party logistics services- A literature review" presented in a International level conference on recent advances in mechanicalEngineering(ICRAME 2010), organised by Noorulislamuniversity,kanyakumari,tamilnadu,india, India from 08-Apr-2010 to 09-Apr-2010.
  31. A.Azad,K.Narashiman, "Effect of technical training on organization in manufacturing industries" presented in a International level conference on social sciences, organised by Osaka , japan, Japan from 18-Jun-2010 to 21-Jun-2010.

32. R.Agusthiyar,K.Narashiman, "Studies and analysis of algorithms for data Quality aspects in data mining" presented in a National level conference on computer applicational for managerial excellence, organised by Loyola institute of technology , Chennai., India from 08-Aug-2010.
33. R.Agusthiyar,K.Narashiman,R.Murugan, "Effect of technical training in manufacturing industries" presented in a International level conference on scientific and social science research(ACSSSR2011), organised by Universiti Teknologi,Mara, Penang , Malaysia, Penang,Malaysia from 22-Mar-2011 to 23-Jun-2011.
34. R.Agusthiyar,K.Narashiman,R.Murugan, "Data Quality Aspects in Data mining Algorithm-A performance comparison" presented in a International level conference on "Embedded Electronics and computing Systems" (INC2011-EECS), organised by SKR Engineering college , Chennai., India from 29-Jul-2011 to 30-Jul-2011.
35. P.Satheesan,K.Narashiman, "Sustainability of Quality System Management System practices in SME sector" presented in a International level conference on Advances in Industrial Engineering applications(ICAIEA 2014)- Quality Engineering, organised by Anna University,Chennai, India from 06-Jan-2014 to 08-Jan-2014.

### Sponsored Projects Completed

1. "Indo-German Project –Evolving Quality Management System", funded by Accura Industries (June-1997 - December-1998). Project Cost: 100000.00.
2. "Indo-German Project –Evolving Quality Management System", funded by AUFRG ICC (June-1997 - December-1998). Project Cost: 100000.00.
3. "Indo-German Project –Evolving Quality Management System", funded by Aravind Auto spares (June-1997 - December-1998). Project Cost: 100000.00.
4. "Indo-German Project –Evolving Quality Management System", funded by Cafomaautoparts (June-1997 - December-1998). Project Cost: 100000.00.
5. "Indo-German Project –Evolving Quality Management System", funded by CRP India (June-1997 - December-1998). Project Cost: 100000.00.
6. "Indo-German Project –Evolving Quality Management System", funded by EskayaarIndstries (June-1997 - December-1998). Project Cost: 100000.00.
7. "Indo-German Project –Evolving Quality Management System", funded by Globe Components Ltd (June-1997 - December-1998). Project Cost: 100000.00.
8. "Indo-German Project –Evolving Quality Management System", funded by Globe steels ltd (June-1997 - December-1998). Project Cost: 100000.00.
9. "Indo-German Project –Evolving Quality Management System", funded by Southern structurals (June-1997 - December-1998). Project Cost: 100000.00.
10. "Indo-German Project –Evolving Quality Management System", funded by Sellvinds (June-1997 - December-1998). Project Cost: 100000.00.

11. "Quality Management System model", funded by A1 Engineers.. Project Cost: 100000.00.
12. "Quality Management System model", funded by Diamond Metal works.. Project Cost: 100000.00.
13. "Quality Management System model", funded by Essar glass works.. Project Cost: 100000.00.
14. "Quality Management System model", funded by En square Engineering.. Project Cost: 100000.00.
15. "Quality Management System model", funded by General Auto Engineering.. Project Cost: 100000.00.
16. "Quality Management System model", funded by India Flexibles.. Project Cost: 100000.00.
17. "Quality Management System model", funded by Southern Pressure Die Castings.. Project Cost: 100000.00.
18. "Quality Management System model", funded by Nacco Tools.. Project Cost: 100000.00.
19. "AUTVS QM model", funded by Shri Ram Carbons.. Project Cost: 100000.00.
20. "AUTVS QM model", funded by India Components.. Project Cost: 100000.00.
21. "AUTVS QM model", funded by Diamond Castings (P) Ltd.. Project Cost: 100000.00.
22. "AUTVS QM model", funded by Sadhan Tool room.. Project Cost: 100000.00.
23. "AUTVS QM model", funded by Shree Pressings.. Project Cost: 100000.00.
24. "AUTVS QM model", funded by Rytiks Auto.. Project Cost: 100000.00.
25. "AUTVS QM model", funded by ShetDass .. Project Cost: 100000.00.
26. "AUTVS QM model", funded by EIMCO KCP.. Project Cost: 100000.00.
27. "AUTVS QM model", funded by Indian audit & accounts Dept.,RTI,Govt of India.. Project Cost: 100000.00.
28. "AUTVS QM model", funded by Anna University.. Project Cost: 100000.00.
29. "Quality circles", funded by TVSC-SGI International Ltd (November-1999 - January-2000). Project Cost: 100000.00.
30. "Quality circles", funded by Kwik Patch (November-1999 - January-2000). Project Cost: 100000.00.
31. "Quality circles", funded by Sport Glove India (November-1999 - January-2000). Project Cost: 100000.00.
32. "5S Implementation", funded by TVSC-SGI International Ltd (October-2002 - December-2002). Project Cost: 100000.00.

33. "5S Implementation", funded by Kwik Patch (November-2002 - December-2002). Project Cost: 100000.00.
34. "5S Implementation", funded by Sport Glove India (October-2002 - December-2002). Project Cost: 100000.00.
35. "5S Implementation", funded by TVSC-SGI International Ltd (January-2003 - March-2003). Project Cost: 100000.00.
36. "5S Implementation".. Project Cost: 100000.00.
37. "5S Implementation", funded by Kwik Patch (January-2003 - March-2003). Project Cost: 100000.00.
38. "5S Implementation".. Project Cost: 100000.00.
39. "5S Implementation".. Project Cost: 100000.00.
40. "5S Implementation", funded by Sport Glove India (January-2003 - March-2003). Project Cost: 100000.00.
41. "5S Implementation", funded by TVSC-SGI International Ltd (April-2003 - May-2003). Project Cost: 100000.00.
42. "5S Implementation", funded by Kwik Patch (April-2003 - May-2003). Project Cost: 100000.00.
43. "5S Implementation", funded by Sport Glove India (April-2003 - May-2003). Project Cost: 100000.00.
44. "5S Implementation", funded by TVSC-SGI International Ltd (June-2003 - July-2003). Project Cost: 100000.00.
45. "5S Implementation", funded by Kwik Patch (June-2003 - July-2003). Project Cost: 100000.00.
46. "5S Implementation", funded by Sport Glove India (June-2003 - July-2003). Project Cost: 100000.00.
47. "Productivity Improvement through TQM", funded by TVSC-SGI International Ltd (February-2005 - April-2005). Project Cost: 100000.00.
48. "Productivity Improvement through TQM", funded by Sport Glove India (February-2005 - April-2005). Project Cost: 100000.00.
49. "QMS Implementation", funded by GEA EnergySystems.. Project Cost: 100000.00.
50. "5S audit", funded by SRF Limited,chennai (March-2005.. Project Cost: 100000.00.

## Programme Chaired

1. National level workshop titled "16th Small Group Activity(SGA) Convention Lectures – LUCAS TVS" conducted by Chennai.

2. Chairman, National level workshop titled "Amalgamations group SGA/QC Competition" conducted by Addison & co ltd., chennai from 16-Nov-2002 to 16-Nov-2002.
3. Chairman, National level seminar titled "Status of job opportunities and its challenges in the privatization Era in manufacturing sector and infrastructure development sector" conducted by Gurushreeshantivijaijain college for women, Chennai from 12-Jan-2005 to 12-Jan-2005.
4. Chairman, National level seminar titled "Debate on "Why Quality?"" conducted by TCS, Sholinganallur, chennai from 20-Jan-2005 to 20-Jan-2005.
5. Co Chairman, National level workshop titled "Small Group Activity(SGA)– LUCAS TVS" conducted by LUCAS TVS from 12-Dec-2005 to 12-Dec-2005.
6. Co Chairman, National level workshop titled "1st Quality circle competition" conducted by Automotive component manufacturers association of India (Southern Region)(ACMA), Image auditorium, chennai from 09-Jul-2006 to 09-Jul-2006.
7. Co Chairman, National level conference titled "CuFest'06" conducted by Carborundum universal limited, Chennai-Chettinadvidyashram'skumararajamuthiah hall from 13-Aug-2006 to 13-Aug-2006.
8. Co Chairman, National level conference titled "FOSTRA'06 Management Helm" conducted by KarpagaVinayagar college of engineering and technology from 29-Dec-2006 to 29-Dec-2006.
9. Co Chairman, National level conference titled "Industry institute interaction for skill enhancement " conducted by CII from 05-Jan-2007 to 05-Jan-2007.
10. Chairman, National level seminar titled "EXPLORE A trigger camp for students to build a bright career for Anna University students" conducted by TIME Foundation & Sri RM Jain Vidhyashram, Thiruvellore from 28-Jan-2007 to 28-Jan-2007.
11. Co Chairman, National level seminar titled "PhD VIVA VOCE exam-A study on the performance management system" conducted by NIT Trichy from 23-Jul-2010 to 23-Jul-2010.
12. Co Chairman, National level conference titled "Quality Forum-SVCE" conducted by Sri Venkateshwara college of engineering, sriperumbudur from 24-Jan-2012 to 24-Jan-2012.
13. Co Chairman, National level conference titled "National conference on chemical engineering processes in environmental applications(CEPEA 2012)" conducted by A.C.Tech, Anna University from 29-Mar-2012 to 30-Mar-2012.
14. Co Chairman, National level workshop titled "48th Annual day celebrations" conducted by Shrine Vailankanni Senior Secondary school from 07-Aug-2012 to 07-Aug-2012.
15. Co Chairman, National level workshop titled "3rd annual quality circle convention" conducted by Wheels India Limited., Chennai from 09-Feb-2013 to 09-Feb-2013.
16. Co Chairman, National level conference titled "Quality Circle annual meet" conducted by IGCAR, Kalpakkam from 23-Aug-2013 to 23-Aug-2013.

17. Co Chairman, International level conference titled "Advances in Industrial Engineering applications(ICAIEA 2014)- Quality Engineering" conducted by Anna University from 06-Jan-2014 to 08-Jan-2014.

## Programme Organized

1. Organized , National level workshop on "Six Sigma Green belt batch 2" .
2. O&L, National level seminar on "Technology Appreciation week" from 13-Dec-1993 to 17-Dec-1993.
3. O, National level workshop on "Quality Function Deployment" from 17-Jul-1995 to 21-Jul-1995.
4. O, National level workshop on "World Class manufacturing" from 02-Aug-1995 to 04-Aug-1995.
5. O, National level workshop on "Essence of standards" from 23-Aug-1995 to 25-Aug-1995.
6. O, National level workshop on "Failure Modes & Effects Analysis" from 07-Sep-1995 to 11-Sep-1995.
7. O, National level workshop on "World Class manufacturing" from 23-Sep-1995 to 25-Sep-1995.
8. O, National level workshop on "Surface Engineering for Quality" from 07-Oct-1995 to 07-Oct-1995.
9. O, National level workshop on "Relevance of quality management for students" from 10-Oct-1995 to 10-Oct-1995.
10. O, National level workshop on "Relevance of quality management for students" from 10-Nov-1995 to 10-Nov-1995.
11. O, National level workshop on "Design of Experiments" from 27-Nov-1995 to 01-Dec-1995.
12. O, National level workshop on "Bench marking" from 11-Dec-1995 to 12-Dec-1995.
13. O, National level workshop on "Statistical Process Control" from 13-Dec-1995 to 17-Dec-1995.
14. O, National level workshop on "5 'S' & Kaizen" from 21-Dec-1995 to 23-Dec-1995.
15. O, National level workshop on "Robust Design" from 08-Jan-1996 to 12-Jan-1996.
16. O, National level workshop on "Cycle Time management" from 16-Jan-1996 to 17-Jan-1996.
17. O, National level workshop on "Re-Engineering" from 16-Jan-1996 to 17-Jan-1996.
18. O, National level workshop on "Relevance of quality management for students" from 29-Jan-1996 to 31-Jan-1996.
19. O, National level workshop on "Quality Function Deployment" from 24-Feb-1996 to 24-Feb-1996.

20. O, National level workshop on "Process Capability Study" from 24-Feb-1996 to 24-Feb-1996.
21. O, National level workshop on "Failure Modes& Effects Analysis" from 07-Mar-1996 to 09-Mar-1996.
22. O, National level workshop on "Engg.Measurements,Calibration System Analysis" from 21-Mar-1996 to 23-Mar-1996.
23. O, National level workshop on "Concept of Design for Manufacture" from 30-Mar-1996 to 30-Mar-1996.
24. O, National level workshop on "Failure Modes& Effects Analysis" from 31-Mar-1996 to 31-Mar-1996.
25. O, National level workshop on "Total Customer Service" from 06-Apr-1996 to 06-Apr-1996.
26. O, National level workshop on "Statistical Process Control" from 10-Apr-1996 to 12-Apr-1996.
27. O, National level workshop on "5 'S' & Kaizen" from 12-Apr-1996 to 12-Apr-1996.
28. O, National level workshop on "Vendor Quality Management" from 25-May-1996 to 01-Jun-1996.
29. O, National level workshop on "Total Productive Maintenance " from 08-Jun-1996 to 08-Jun-1996.
30. O, National level workshop on "World Class Manufacturing" from 29-Jun-1996 to 29-Jun-1996.
31. O&L, National level workshop on "Quality ,Productivity &Motivation" from 24-Jul-1996 to 24-Jul-1996.
32. O, National level workshop on "7 Management QC Tools" from 26-Jul-1996 to 27-Jul-1996.
33. O, National level workshop on "Quality Awareness" from 27-Jul-1996 to 27-Jul-1996.
34. O, National level workshop on "Basic 7 QC Tools" from 29-Jul-1996 to 29-Jul-1996.
35. O, National level workshop on "Engineering Measurements,Calibration System Analysis" from 22-Aug-1996 to 24-Aug-1996.
36. O, National level workshop on "Statistical Process Control" from 26-Aug-1996 to 28-Aug-1996.
37. O, National level workshop on "Failure Modes& Effects Analysis" from 26-Aug-1996 to 28-Aug-1996.
38. O, National level workshop on "Waste Elimination" from 07-Sep-1996 to 07-Sep-1996.
39. O&L, National level workshop on "Quality ,Productivity &Motivation" from 17-Sep-1996 to 17-Sep-1996.
40. O&L, National level workshop on "Quality ,Productivity &Motivation" from 23-Sep-1996 to 23-Sep-1996.

41. O, National level workshop on "Policy Management &Deployment" from 24-Sep-1996 to 24-Sep-1996.
42. O, National level workshop on "Modern Manufacturing Practices" from 03-Nov-1996 to 07-Nov-1996.
43. O, National level workshop on "Company wide quality improvement" from 23-Nov-1996 to 23-Nov-1996.
44. O, National level workshop on "Just in time" from 30-Nov-1996 to 30-Nov-1996.
45. O, National level workshop on "Quality Function Deployment" from 29-Dec-1996 to 29-Dec-1996.
46. O, National level workshop on "5 'S' & Kaizen" from 25-Jan-1997 to 25-Jan-1996.
47. O, National level workshop on "Statistical Process Control" from 26-Jan-1997 to 26-Jan-1997.
48. O, National level workshop on "Modern Manufacturing Practices" from 02-Feb-1997 to 06-Feb-1997.
49. O, National level workshop on "Quality Management Seminar" from 03-Feb-1997 to 04-Feb-1997.
50. O, National level workshop on "Bremen Quality Management" from 02-Jun-1997 to 03-Jun-1997.
51. O, National level workshop on "Modern Manufacturing Practices " from 20-Jul-1997 to 25-Jul-1997.
52. O, National level workshop on "Engineering Measurements, Calibration System Analysis" from 27-Jul-1997 to 27-Jul-1997.
53. O, National level workshop on "Value Engineering" from 27-Jul-1997 to 27-Jul-1997.
54. O, National level workshop on "Modern Quality Management" from 17-Aug-1997 to 23-Aug-1997.
55. O, National level workshop on "7 Management QC Tools" from 25-Aug-1997 to 26-Aug-1997.
56. O, National level workshop on "Modern manufacturing practices" from 02-Sep-1997 to 06-Sep-1997.
57. O, National level workshop on "Quality by Design" from 06-Sep-1997 to 06-Sep-1997.
58. O, National level workshop on "Design of Experiments" from 25-Sep-1997 to 26-Sep-1997.
59. O, National level workshop on "7 Basic QC Tools" from 23-Oct-1997 to 23-Oct-1997.
60. O, National level workshop on "7 Management QC Tools" from 24-Oct-1997 to 25-Oct-1997.



61. O, National level workshop on "Total Productive Maintenance" from 09-Nov-1997 to 09-Nov-1997.
62. O, National level workshop on "World Class Design Practices" from 10-Nov-1997 to 15-Nov-1997.
63. O&L, National level workshop on "World Class Shop Floor Practices" from 17-Nov-1997 to 22-Nov-1997.
64. O&L, National level workshop on "Modern Management Practices" from 24-Nov-1997 to 29-Nov-1997.
65. O, National level workshop on "Awareness on Quality & Safety" from 29-Nov-1997 to 29-Nov-1997.
66. O&L, National level workshop on "Modern Manufacturing Practices" from 30-Nov-1997 to 05-Dec-1997.
67. O, National level workshop on "Modern Manufacturing Practices" from 13-Dec-1997 to 13-Dec-1997.
68. O, National level workshop on "Awareness on Quality & Safety" from 10-Jan-1998 to 10-Jan-1998.
69. O, National level workshop on "Failure Modes & Effects Analysis" from 07-May-1998 to 07-Jul-1998.
70. O, National level workshop on "TQM" from 25-Jul-1998 to 25-Jul-1998.
71. O, National level workshop on "Shop floor quality" from 01-Aug-1998 to 01-Aug-1998.
72. O&L, National level workshop on "5S-work place quality" from 02-Aug-1998 to 02-Aug-1998.
73. O, National level workshop on "Bremen Quality Management Model" from 08-Aug-1998 to 08-Aug-1998.
74. O&L, National level workshop on "Best Enterprise Practice" from 17-Aug-1998 to 17-Aug-1998.
75. O&L, National level workshop on "Quality" from 18-Aug-1998 to 18-Aug-1998.
76. O&L, National level workshop on "ISO 9000 -TQM" from 29-Aug-1998 to 29-Aug-1998.
77. O&L, National level workshop on "ISO9000 & TQM" from 05-Sep-1998 to 06-Sep-2014.
78. O&L, National level workshop on "TQM" from 12-Sep-1998 to 12-Sep-1998.
79. O&L, National level workshop on "Relevance of ISO 9000 in TQM" from 19-Sep-1998 to 20-Sep-1998.
80. O&L, National level workshop on "Best Enterprise Practice" from 04-Dec-1998 to 04-Dec-1998.

81. O, National level workshop on "Quality & Productivity – Level 1" from 09-Dec-1998 to 09-Dec-1998.
82. O, National level workshop on "Waste elimination" from 09-Dec-1998 to 09-Dec-1998.
83. O, National level workshop on "Total Quality Management" from 10-Dec-1998 to 12-Dec-1998.
84. O, National level workshop on "TQM-Design perspective" from 20-Dec-1998 to 21-Dec-1998.
85. O, National level workshop on "Quality, world class performance & Customer orientation" from 11-Jan-1999 to 11-Jan-1999.
86. O, National level workshop on "Quality & Productivity – Level 2" from 11-Jan-1999 to 11-Jan-1999.
87. O, National level workshop on "Total quality management" from 23-Jan-1999 to 24-Jan-1999.
88. O, National level workshop on "5S" from 29-Jan-1999.
89. O, National level workshop on "Quality & Productivity – Level 3" from 08-Feb-1999 to 08-Feb-1999.
90. O, National level workshop on "Awareness of essential elements-iso9002" from 08-Feb-1999 to 08-Feb-1999.
91. O, National level workshop on "Small group activity" from 09-Mar-1999 to 09-Mar-1999.
92. O, National level workshop on "Quality & Productivity – Level 4" from 09-Mar-1999 to 09-Mar-1999.
93. organized, National level conference on "Q Quest 1999" from 03-Apr-1999 to 04-Apr-1999.
94. O, National level workshop on "TMT" from 05-Apr-1999 to 05-Apr-1999.
95. O, National level workshop on "TPM" from 06-Apr-1999 to 06-Apr-1999.
96. O, National level workshop on "TPM" from 16-Apr-1999 to 16-Apr-1999.
97. O&L, National level workshop on "Quality& Productivity Review Prog" from 25-Apr-1999 to 25-Apr-1999.
98. O, National level workshop on "TPM" from 07-May-1999 to 07-May-1999.
99. O, National level workshop on "Pull not Push" from 15-May-1999 to 15-May-1999.
100. O, National level workshop on "Quality& Productivity Review Prog" from 26-May-1999 to 26-May-1999.
101. O, National level workshop on "Crash course for students on TQM" from 01-Jun-1999.

102. O&L, National level workshop on "JII" from 15-Jul-1999 to 16-Jul-1999.
103. O&L, National level workshop on "JII" from 09-Aug-1999 to 10-Aug-1999.
104. O&L, National level workshop on "JII" from 19-Aug-1999 to 20-Aug-1999.
105. O, National level workshop on "Awareness training program on TQM in Tamil " from 06-Sep-1999 to 09-Sep-1999.
106. O, National level workshop on "Awareness training program on TQM in Tamil " from 14-Sep-1999 to 17-Sep-1999.
107. O, National level workshop on "ISO 9000/TQM" from 07-Oct-1999 to 09-Oct-1999.
108. O&L, National level workshop on "Small Group Activity –module 1" from 09-Nov-1999 to 10-Nov-1999.
109. O&L, National level workshop on "TQM training programme-module 1" from 11-Nov-1999.
110. O&L, National level workshop on "Small Group Activity –module 1" from 12-Nov-1999.
111. O&L, National level workshop on "TQM training programme-module 1" from 17-Nov-1999.
112. O, National level workshop on "TQM training programme-module 1" from 18-Nov-1999.
113. O, National level workshop on "Small Group Activity –module 2" from 01-Dec-1999.
114. O, National level workshop on "Small Group Activity –module 2" from 02-Dec-1999.
115. O&L, National level workshop on "TQM training programme-module 2" from 03-Dec-1999.
116. O&L, National level workshop on "Small Group Activity –module 2" from 06-Dec-1999.
117. O, National level workshop on "QM training programme-module 2" from 08-Dec-1999.
118. O, National level workshop on "TOQM training programme-module 2" from 11-Dec-1999.

119. O, National level workshop on "Small Group Activity –module 3" from 04-Jan-2000.
120. O&L, National level workshop on "TQM-5S for shop floor employees" from 04-Jan-2000.
121. O&L, National level workshop on "Small Group Activity –module 3" from 05-Jan-2000.
122. O&L, National level workshop on "TQM training programme-module 3" from 06-Jan-2000.
123. O, National level workshop on "Small Group Activity –module 3" from 07-Jan-2000.
124. O, National level workshop on "5S" from 12-Jan-2000 to 14-Jan-2000.
125. O, National level workshop on "TQM Training Prog. In Tamil" from 12-Jan-2000 to 20-Jan-2000.
126. O, National level workshop on "5S" from 19-Jan-2000 to 20-Jan-2000.
127. O, National level workshop on "5S" from 22-Jan-2000.
128. O&L, National level workshop on "5S" from 23-Jan-2000.
129. O, National level workshop on "Waste Elimination" from 04-Feb-2000 to 05-Feb-2000.
130. O, National level workshop on "TQM Training Prog. In Tamil" from 04-Feb-2000 to 24-Feb-2000.
131. O, National level workshop on "Waste Elimination" from 07-Feb-2000.
132. O, National level workshop on "Waste Elimination" from 16-Feb-2000 to 18-Feb-2000.
133. O, National level workshop on "Waste Elimination" from 23-Feb-2000 to 26-Feb-2000.
134. O, National level workshop on "Total Employee involvement" from 03-Mar-2000 to 04-Mar-2000.
135. O, National level workshop on "Total Employee involvement" from 06-Mar-2000.

136. O, National level workshop on "Total Employee involvement" from 27-Mar-2000.
137. O, National level workshop on "Total Employee involvement" from 29-Mar-2000.
138. O, National level workshop on "Total Employee involvement" from 30-Mar-2000.
139. organized, National level conference on "Q Quest 2000" from 07-Apr-2000 to 09-Apr-2000.
140. organized, National level conference on "Q Quest 2000" from 07-Apr-2000 to 09-Apr-2000.
141. O, National level workshop on "Crash course for students on TQM" from 12-Jun-2000 to 24-Jun-2000.
142. O, National level workshop on "Crash course for students on TQM" from 12-Jun-2000 to 24-Jun-2000.
143. O, National level workshop on "Crash course for students on TQM" from 12-Jun-2000 to 24-Jun-2000.
144. O, National level workshop on "Design for manufacture & assembly" from 18-Jun-2000 to 19-Jun-2000.
145. O, National level workshop on "Design for manufacture & assembly" from 18-Jun-2000 to 19-Jun-2000.
146. O, National level workshop on "Design for manufacture & assembly" from 18-Jun-2000 to 19-Jun-2000.
147. O, National level workshop on "Steering the organization in the new millenium O" from 25-Jun-2000.
148. O, National level workshop on "Total Quality Management" from 25-Jun-2000.
149. O, National level workshop on "Steering the organization in the new millenium O" from 25-Jun-2000.
150. O, National level workshop on "Total Quality Management" from 25-Jun-2000.
151. O, National level workshop on "Total Quality Management" from 25-Jun-2000.
152. O, National level workshop on "Steering the organization in the new millenium O" from 25-Jun-2000.

153. O, National level workshop on "Kaizen quiz" from 30-Jun-2000.
154. O, National level workshop on "Kaizen quiz" from 30-Jun-2000.
155. O, National level workshop on "Kaizen quiz" from 30-Jun-2000.
156. O, National level workshop on "Total Productive maintenance" from 09-Sep-2000.
157. O, National level workshop on "Total Productive maintenance" from 09-Sep-2000.
158. O, National level workshop on "Total Productive maintenance" from 09-Sep-2000.
159. organized, National level conference on "Q Quest 2001" from 09-Mar-2001 to 11-Mar-2001.
160. organized, National level conference on "Q Quest 2001" from 09-Mar-2001 to 11-Mar-2001.
161. O, National level workshop on "Certificate course on software quality management" from 04-May-2001 to 09-Jun-2001.
162. O, National level workshop on "Certificate course on software quality management" from 04-May-2001 to 09-Jun-2001.
163. O, National level workshop on "Certificate course on software quality management" from 04-May-2001 to 09-Jun-2001.
164. O&L, National level workshop on "Path to Excellence" from 08-Aug-2001.
165. O&L, National level workshop on "Path to Excellence" from 08-Aug-2001.
166. O&L, National level workshop on "Path to Excellence" from 08-Aug-2001.
167. Organized, National level conference on "Q Quest 2002" from 06-Mar-2002 to 10-Mar-2002.
168. Organized, National level conference on "Q Quest 2002" from 06-Mar-2002 to 10-Mar-2002.
169. organized, National level workshop on "Threatening the challenges" from 12-Aug-2002.

170. organized, National level workshop on "Management Games II" from 23-Aug-2002.
171. organized, National level workshop on "Short term course for Engineers" from 11-Sep-2002.
172. organized & lecture, National level workshop on "Time Management" from 26-Sep-2002.
173. organized, National level workshop on "Management Games III" from 27-Sep-2002.
174. organized & lectured, National level workshop on "Total quality Management" from 22-Nov-2002.
175. organized & lectured, National level workshop on "Personality development workshop" from 02-Jan-2003.
176. organized & lectured, National level workshop on "Presentation on QC story" from 10-Jan-2003.
177. organized & lectured, National level workshop on "Presentation on Kaizen" from 17-Jan-2003.
178. organized, National level workshop on "Adv.LevelMgmt.Pro.on Strategies for Impro.in the changing Enviro." from 04-Mar-2003 to 08-Mar-2003.
179. organized, National level workshop on "Adv.LevelMgmt.Pro.on Strategies for Impro.in the changing Enviro." from 04-Mar-2003 to 08-Mar-2003.
180. organized, National level conference on "Q Quest 2003" from 10-Mar-2003 to 16-Mar-2003.
181. organized, National level workshop on "Failure Mode& Effective Analysis" from 18-Mar-2003.
182. organized, National level workshop on "Failure Mode& Effective Analysis" from 18-Mar-2003.
183. organized, National level workshop on "Pathfinder 2003" from 23-Jul-2003 to 05-Aug-2003.
184. organized, National level workshop on "Failure Modes& Effects Analysis" from 25-Jul-2003.
185. organized, National level workshop on "Failure Modes& Effects Analysis" from 25-Jul-2003.
186. organized & lectured, National level workshop on "How to market yourself" from 25-Aug-2003.

187. organized & lectured, National level workshop on "Creativity ,lateral thinking and six thinking hats" from 08-Sep-2003.
188. organized & lectured, National level workshop on "Creativity ,lateral thinking and six thinking hats" from 08-Sep-2003.
189. organized & lectured, National level workshop on "Communication skills" from 11-Sep-2003.
190. organized & lectured, National level workshop on "Communication skills" from 11-Sep-2003.
191. organized & lectured, National level workshop on "Placement talk for I years" from 04-Oct-2003.
192. organized & lectured, National level workshop on "Placement talk for I years" from 04-Oct-2003.
193. organized & lectured, National level workshop on "Leadership skills" from 30-Oct-2003.
194. organized & lectured, National level workshop on "Leadership skills" from 30-Oct-2003.
195. organized, National level conference on "Q Quest 2004" from 25-Feb-2004 to 29-Feb-2004.
196. organized, National level workshop on "Pathfinder 2004" from 01-Sep-2004 to 18-Sep-2004.
197. organized, National level workshop on "Pathfinder 2004" from 01-Sep-2004 to 18-Sep-2004.
198. organized, National level workshop on "Placement talk for III years" from 04-Oct-2004.
199. organized, National level workshop on "Placement talk for III years" from 04-Oct-2004.
200. organized, National level workshop on "Placement talk for I years" from 05-Oct-2004.
201. organized, National level workshop on "Quality Management Quiz" from 14-Oct-2004.
202. organized & lectured, National level workshop on "CFD training programme on ISO,5S &Kaizen" from 19-Nov-2004.
203. Organized, National level conference on "Q Quest 2005" from 23-Feb-2005 to 27-Feb-2005.



204. organized, National level workshop on "Quiz on Total quality management" from 10-Mar-2005.
205. organized & lectured, International level workshop on "5S for workplace improvement, Continuous improvement ,juran trilogy-PDCA cycle -Kaizen" from 15-Dec-2005.
206. organized & lectured, National level seminar on ""You can also become Einstein"-a meaningful way to motivate students to build India" from 02-Jan-2007.
207. Organized, National level conference on "Q Quest 2007" from 22-Feb-2007 to 25-Feb-2007.
208. Organized, National level conference on "Q Quest 2008" from 28-Feb-2008 to 02-Mar-2008.
209. Organized, National level conference on "Q Quest 2009" from 19-Feb-2009 to 22-Feb-2009.
210. Organized & lectured, National level workshop on "Six Sigma Green belt batch 1" from 29-Aug-2009 to 01-Sep-2009.
211. organized & lectured, National level workshop on "One day training program on TQM and TPM" from 15-Sep-2009.
212. O&L, National level workshop on "Six Sigma Green belt batch 2" from 31-Oct-2009 to 03-Nov-2009.
213. O&L, National level workshop on "Six Sigma Green belt batch 2" from 31-Oct-2009 to 03-Nov-2009.
214. O&L, National level workshop on "Pokayoke for Hyundai" from 31-Oct-2009.
215. O&L, National level workshop on "Six Sigma Green belt batch 3" from 28-Nov-2009 to 01-Dec-2009.
216. O&L, National level workshop on "Six Sigma Green belt batch 3" from 28-Nov-2009 to 01-Dec-2009.
217. O&L, National level workshop on "Six Sigma Green belt batch 4" from 19-Dec-2009 to 22-Dec-2009.
218. O&L, National level workshop on "Six Sigma Green belt batch 4" from 19-Dec-2009 to 22-Dec-2009.
219. O&L, National level workshop on "Six Sigma Green belt batch 5" from 30-Jan-2010 to 02-Feb-2010.
220. organized, National level conference on "Q Quest 2010" from 25-Feb-2010 to 27-Feb-2010.

221. organized, National level conference on "Quality Management Quiz" from 18-Mar-2010.
222. O&L, National level workshop on "Six Sigma Green belt batch 6" from 23-Oct-2010 to 26-Oct-2010.
223. O&L, National level workshop on "Six Sigma Green belt batch 7" from 27-Nov-2010 to 30-Nov-2010.
224. O&L, National level workshop on "Six Sigma Green belt batch 8" from 11-Dec-2010 to 14-Dec-2010.
225. O&L, National level workshop on "Six Sigma Green belt batch 1" from 18-Dec-2010 to 06-Mar-2011.
226. O&L, National level workshop on "Six Sigma Green belt batch 9" from 22-Jan-2011 to 25-Jan-2011.
227. O&L, National level workshop on "Gemba Kaizen" from 05-Feb-2011.
228. O&L, National level workshop on "Six Sigma Green belt batch 10" from 19-Feb-2011 to 22-Feb-2011.
229. O&L, National level workshop on "Six Sigma Green belt batch 2" from 26-Feb-2011 to 26-Jun-2011.
230. organized, National level conference on "Q Quest 2011" from 10-Mar-2011 to 13-Mar-2011.
231. O&L, National level workshop on "Six Sigma Green belt batch 11" from 26-Mar-2011 to 29-Mar-2011.
232. O&L, National level workshop on "Six Sigma Green belt batch 12" from 23-Apr-2011 to 26-Apr-2011.
233. O&L, National level workshop on "Six Sigma Green belt batch 13" from 28-May-2011 to 31-May-2011.
234. O&L, National level workshop on "Six Sigma Green belt batch 14" from 25-Jun-2011 to 04-Jul-2011.
235. O&L, National level workshop on "Six Sigma Green belt batch 3" from 30-Jun-2011 to 02-Oct-2011.
236. O&L, National level workshop on "Six Sigma Green belt batch 15" from 16-Jul-2011 to 25-Jul-2011.
237. O&L, National level workshop on "Six Sigma Green belt batch 4" from 01-Aug-2011 to 01-May-2012.

238. O&L, National level workshop on "Six Sigma Green belt batch 16" from 13-Aug-2011 to 22-Aug-2011.
239. O&L, National level workshop on "Six Sigma Green belt batch 17" from 10-Sep-2011 to 19-Sep-2011.
240. O&L, National level workshop on "Six Sigma Green belt batch 18" from 08-Oct-2011 to 17-Oct-2011.
241. Organized, National level conference on "Q Fest 2011" from 22-Oct-2011.
242. O&L, National level workshop on "Six Sigma Green belt batch 19" from 12-Nov-2011 to 21-Nov-2011.
243. O&L, National level workshop on "Six Sigma Green belt batch 20" from 10-Dec-2011 to 19-Dec-2011.
244. O&L, National level workshop on "TQM certificate course-batch 2" from 21-Jan-2012.
245. O&L, National level workshop on "Six Sigma Green belt batch 21" from 21-Jan-2012 to 30-Jan-2012.
246. O, National level conference on "Conference on quality management" from 22-Feb-2012 to 26-Feb-2012.
247. Organized, National level conference on "Q Quest 2012" from 23-Feb-2012 to 26-Feb-2012.
248. O&L, National level workshop on "Six Sigma Green belt batch 22" from 25-Feb-2012 to 05-Mar-2012.
249. Organized, National level conference on "Q Quest 2006" from 09-Mar-2012 to 12-Mar-2012.
250. O&L, National level workshop on "Six Sigma Green belt batch 23" from 24-Mar-2012 to 02-Apr-2012.
251. O&L, National level workshop on "Six Sigma Green belt batch 24" from 21-Apr-2012 to 30-Apr-2012.
252. O&L, National level workshop on "Six Sigma Green belt batch 25" from 09-Jun-2012 to 18-Jun-2012.
253. O&L, National level workshop on "Six Sigma Green belt batch 26" from 14-Jul-2012 to 23-Jul-2012.
254. O&L, National level workshop on "Six Sigma Green belt batch 27" from 11-Aug-2012 to 20-Aug-2012.

255. O, International level Short Course on "AYANO Program-Prof.Dr.Katsutoshi" from 23-Aug-2012 to 25-Aug-2012.
256. O&L, National level workshop on "Six Sigma Green belt batch 28" from 08-Sep-2012 to 17-Sep-2012.
257. O&L, National level workshop on "Six Sigma Green belt batch 29" from 13-Oct-2012 to 22-Oct-2012.
258. O&L, National level workshop on "Six Sigma Green belt batch 30" from 17-Nov-2012 to 26-Nov-2012.
259. O&L, National level workshop on "Six Sigma Green belt batch 31" from 15-Dec-2012 to 24-Dec-2012.
260. O&L, National level workshop on "TQM certificate course-batch 1" from 27-Dec-2012.
261. organized, National level conference on "Q Quest 2013" from 05-Jan-2013 to 19-Feb-2013.
262. O&L, National level workshop on "TQM certificate course-batch 3" from 19-Jan-2013.
263. O&L, National level workshop on "Six Sigma Green belt batch 32" from 19-Jan-2013 to 28-Jan-2013.
264. O&L, National level workshop on "Six Sigma Green belt batch 33" from 16-Feb-2013 to 25-Feb-2013.
265. O&L, National level workshop on "Six Sigma Green belt batch 34" from 16-Mar-2013 to 25-Mar-2013.
266. O&L, National level workshop on "Six Sigma Green belt batch 35" from 18-Oct-2013 to 28-Oct-2013.
267. O&L, National level workshop on "Six Sigma Green belt batch 36" from 15-Nov-2013 to 25-Nov-2013.
268. O&L, National level workshop on "Six Sigma Green belt batch 37" from 12-Dec-2013 to 29-Dec-2013.
269. organized, National level conference on "Q Quest 2014" from 04-Jan-2014 to 07-Feb-2014.
270. O&L, National level Short Course on "Six Sigma Green belt batch 38" from 18-Jan-2014 to 27-Jan-2014.
271. O&L, National level workshop on "Six Sigma Green belt batch 39" from 09-May-2014 to 19-May-2014.

272. O&L, National level workshop on "Six Sigma Green Belt Batch 40" from 20-Jun-2014 to 30-Jun-2014.
273. O&L, National level workshop on "Six Sigma Green Belt Batch 41" from 01-Aug-2014 to 11-Aug-2014.
274. O, National level workshop on "Statistical Process Control" from 07-Aug-2014 to 11-Aug-1995.
275. O&L, National level workshop on "5'S' Audit at Chettinad International Coal Terminal Pvt Ltd Siruseri" from 03-Sep-2014.
276. O&L, National level workshop on "5 'S' Training Programme at Chettinad International Coa Terminal Pvt Ltd Ennore" from 20-Sep-2014.
277. O&L, National level workshop on "Six Sigma Green Belt Batch 42" from 10-Oct-2014 to 20-Oct-2014.

## Programme Attended

1. Participated in a National level workshop on "Benchmarking " .
2. Participated in a National level workshop on "Benchmarking" organized by Anna university, India from 11-Dec-1995 to 12-Dec-1995.
3. Participated in a National level workshop on "Lead Auditor course 95626-35882 BSI" organized by BSI Training services,London, India from 18-Dec-1995 to 22-Dec-1995.
4. Participated in a National level workshop on "Engineering measurement calibration & system analysis" organized by Anna university, India from 21-Mar-1996 to 23-Mar-1996.
5. Participated in a National level workshop on "Failure mode and effect analysis" organized by Anna university, India from 31-Mar-1996 to 31-May-2014.
6. Participated in a National level workshop on "Vendor quality management" organized by Anna university, India from 25-May-1996 to 01-Jun-1996.
7. Participated in a National level workshop on "Waste elimination" organized by Anna university, India from 07-Sep-1996 to 07-Sep-1996.
8. Participated in a National level workshop on "Cycle time management" organized by Anna university, India from 16-Dec-1996 to 17-Jan-1996.
9. Participated in a National level workshop on "Quality function deployment" organized by Anna university, India from 29-Dec-1996 to 29-Dec-1996.
10. Attended a National level seminar on "Quality management seminar,india" organized by Anna university, India from 03-Feb-1997 to 04-Feb-1997.
11. Participated in a National level workshop on "Workshop on Environmental management system" organized by TQM International Pvt Ltd.,, India from 24-Feb-1997 to 24-Feb-1997.

12. Participated in a National level workshop on "Modern manufacturing practices" organized by Anna university, India from 20-Jul-1997 to 25-Jul-1997.
13. Participated in a National level workshop on "Value engineering" organized by Anna university, India from 27-Jul-1997 to 27-Jul-1997.
14. Participated in a National level workshop on "Modern quality management" organized by Anna university, India from 17-Aug-1997 to 23-Aug-1997.
15. Participated in a National level workshop on "Quality by design" organized by Anna university, India from 06-Sep-1997 to 06-Sep-1997.
16. Participated in a National level workshop on "Design of experiments" organized by Anna university, India from 27-Sep-1997 to 28-Sep-1997.
17. Participated in a National level workshop on "7 basic qc tools" organized by Anna university, India from 23-Oct-1997 to 23-Oct-1997.
18. Participated in a National level workshop on "Total productive maintenance" organized by Anna university, India from 09-Nov-1997 to 09-Nov-1997.
19. Participated in a National level workshop on "World class design practices" organized by Anna university, India from 10-Nov-1997 to 15-Nov-1997.
20. Participated in a National level workshop on "Overcoming resistance to change" organized by Anna university, India from 17-Nov-1997 to 17-Nov-1997.
21. Participated in a National level workshop on "5S & kaizen" organized by Anna university, India from 20-Nov-1997 to 20-Nov-1997.
22. Participated in a International level workshop on "Statistical process control" organized by Anna university, India from 21-Nov-1997 to 21-Nov-1997.
23. Participated in a National level workshop on "Role clarity and team effectiveness" organized by Anna university, India from 22-Nov-1997 to 22-Nov-1997.
24. Participated in a National level workshop on "Modern management practices" organized by Anna university, India from 24-Nov-1997 to 29-Nov-1997.
25. Participated in a International level workshop on "Bremen's Quality management model,Bremen,germany" organized by ATB Institute for applied system technology Bremen GmbH, Germany from 12-Jun-1998 to 12-Jun-1998.
26. Participated in a National level workshop on "ISO9000-2000 CATISO S/W,India" organized by Anna university, India from 17-Aug-1998 to 17-Aug-1998.
27. Participated in a National level workshop on "Best enterprise practice" organized by Anna university, India from 17-Aug-1998 to 17-Aug-1998.
28. Attended a National level seminar on "Quality Congress – 9th national convention" organized by National institution for quality &reliability,chennai, India from 08-Feb-2000 to 09-Feb-2000.

29. Participated in a National level workshop on "Workshop on emerging need to retrospect institute-industry interaction" organized by Anna university, India from 05-Sep-2006 to 05-Sep-2006.
30. Participated in a National level conference on "2nd National Quality conclave- Vision 2020 for qualityIndia" organized by Quality Council of India,New Delhi, India from 09-Feb-2007 to 10-Feb-2007.
31. Attended a National level seminar on "Seminar on "process simulation in chemical industries"" organized by Anna university, India from 27-Oct-2007 to 27-Oct-2007.
32. Participated in a National level workshop on "One day programme on entrepreneurship development" organized by TEQIP,Anna university, India from 03-Nov-2007 to 03-Nov-2007.
33. Attended a National level seminar on "Seminar on ISO/IEC 17024 Personnel certification programme" organized by Quality Council of India,New Delhi, India from 01-Feb-2008 to 01-Feb-2008.
34. Participated in a National level conference on "3rd National Quality conclave-quality for national well being" organized by Quality Council of India,New Delhi, India from 16-Feb-2008 to 17-Feb-2008.
35. Participated in a National level workshop on "Workshops on "Practical Benchmarking"" organized by Quality Council of India,New Delhi-Chennai, India from 22-Jul-2008 to 22-Jul-2008.
36. Participated in a International level workshop on "Practical solution for quality related problems" organized by AOTS,Japan, Japan from 01-Sep-2010 to 14-Sep-2010.
37. Participated in a National level workshop on "Workshop on Gemba Kaizen" organized by Anna university, India from 05-Feb-2011 to 05-May-2014.
38. Participated in a National level workshop on "MEMSEP 11-Indo-Europe workshop on recent development in membrane technology for industrial applications" organized by Anna university, India from 10-Feb-2011 to 11-Feb-2011.
39. Participated in a National level conference on "CHEMFLUENCE'12" organized by Anna university, India from 29-Feb-2012 to 29-Feb-2012.
40. Participated in a National level workshop on "AYANO Program-Prof.Dr.Katsutoshi" organized by Anna university, India from 23-Aug-2012 to 25-Aug-2012.

## Experience Abroad

1. Kuwait from 08-Jan-2015 to 11-Jan-2015. Purpose of visit :India Education Exhibition 2015.

## Invited Lectures

1. Delivered a Lecture on "To disseminate current and future trends on state of art technologies" in Technology appreciation week organized by Anna University, Chennai (13-Dec-1993).

2. Delivered a Lecture on "Role of industry institute partnership on globalisation" in University Industry collaborative programme of ICTE organized by ICTE, Chennai (01-Aug-1994).
3. Delivered a Lecture on "Quality Awareness" in Quality awareness for plant personnel organized by Abref private limited, Chennai, Chennai (27-Jul-1996).
4. Delivered a Lecture on "Company Wide Quality Improvement " in Company Wide Quality Improvement-lecture for middle management personnel organized by Hindustan teleprinters limited, Chennai, Chennai (23-Nov-1996).
5. Delivered a Lecture on "Just in Time " in Just in Time- lecture for middle management personnel (in Tamil) organized by Hindustan teleprinters limited, Chennai, Chennai (30-Nov-1996).
6. Delivered a Lecture on "Process planning and inventory control " in AU\_IOC technical training programme on petroleum engineering practices organized by Indian oil corporation, Chennai (03-Jun-1997).
7. Delivered a Lecture on "Process planning and inventory control " in AU\_IOC technical training programme on petroleum engineering practices organized by Indian oil corporation, Chennai (05-Jun-1997).
8. Delivered a Lecture on "Process planning and inventory control " in AU\_IOC technical training programme on petroleum engineering practices organized by Indian oil corporation, Chennai (09-Jun-1997).
9. Delivered a Lecture on "Process planning and inventory control " in AU\_IOC technical training programme on petroleum engineering practices organized by Indian oil corporation, Chennai (11-Jun-1997).
10. Delivered a Lecture on "Process planning and inventory control " in AU\_IOC technical training programme on petroleum engineering practices organized by Indian oil corporation, Chennai (13-Jun-1997).
11. Delivered a Lecture on "Total Quality Management " in Training for TNEB engineers organized by TNEB, Chennai (03-Jul-1997).
12. Delivered a Lecture on "TQM : Need & Concepts, TQM-Philosophy in India " in Lecture on TQM organized by Regional training centre, Indian oil corporation I, Chennai (29-Jul-1997).
13. Delivered a Lecture on "An awareness on ISO14000" in 2 days workshop on TQM for BHEL Executives at BHEL, Trichy organized by Periyar centenary girls polytechnic, Thanjavur, Thanjavur (04-Oct-1997).
14. Delivered a Lecture on "QC problem solving approach " in 6 days programme on world class shop floor practices organized by Anna university, Chennai (18-Nov-1997).
15. Delivered a Lecture on "World Class Shop Floor Practices " in Lecture for factory employees organized by GEA Energy systems (India) limited, Chennai (22-Nov-1997).
16. Delivered a Lecture on "Quality management systems " in 6 days programme on Modern management practices organized by Anna University, Chennai (26-Nov-1997).



17. Delivered a Lecture on "ISO 14000 " in 6 days programme on Modern manufacturing practices organized by Anna University, Chennai (04-Dec-1997).
18. Delivered a Lecture on "Modern manufacturing practices " in Lecture for factory employees organized by GEA Energy systems (India) limited , Chennai (13-Dec-1997).
19. Delivered a Lecture on "Continous improvement in workflow " in One day workshop on kaizen towards TQM for middle management executives by Indian institute o organized by BHEL,Trichy, Trichy (10-Oct-1998).
20. Delivered a Lecture on "Quality control tools " in Training programme on TQM organized by VETRI software india limited , Chennai (10-Dec-1998).
21. Delivered a Lecture on "Customer focus Internal and external " in 2 day training programme on TQM-design perspective organized by Midas communication technologies pvt ltd , Chennai (21-Dec-1998).
22. Delivered a Lecture on "Waste elimination " in Just In Time organized by Carborundum universal limited, Chennai (15-Jul-1999).
23. Delivered a Lecture on "Waste elimination " in Just InTime organized by Carborundum universal limited , Chennai (10-Aug-1999).
24. Delivered a Lecture on "JIT purchasing &Waste elimination " in Just In Time organized by Carborundum universal limited , Chennai (20-Aug-1999).
25. Delivered a Lecture on "ISO 9000 " in 3 day training programme on ISO 9000/TQM for scientists organized by Central electrochemical research institute , Karaikudi (07-Oct-1999).
26. Delivered a Lecture on "Beyond ISO 9000 " in 3 day training programme on ISO 9000/TQM for scientists organized by Central electrochemical research institute, Karaikudi (08-Oct-1999).
27. Delivered a Lecture on "Kaizen & TPM " in 3 day training programme on ISO 9000/TQM for scientists organized by Central electrochemical research institute , Karaikudi (09-Oct-1999).
28. Delivered a Lecture on "5S-Work place quality " in 5S-Work place quality for shop floor employees organized by Sport glove india limited, Chennai (22-Jan-2000).
29. Delivered a Lecture on "Quality is free " in Quality is free organized by Whirlpool india ltd., pondicherry, Pondicherry (01-Jun-2000).
30. Delivered a Lecture on "Total quality Management " in Short term course for Engineers organized by Anna University, Chennai (11-Feb-2002).
31. Delivered a Lecture on "Inventory management & just in time " in 5 day training program on Strategies for improvement i n the changing environment organized by National handloom development corporation ltd.,che, Chennai (09-Mar-2002).
32. Delivered a Lecture on "QC Problem solving approach & Case study and steering the organization in the MBQ route " in 3 day training programme on Exceeding customer expectation through TQM organized by Ninestar information technologies Ltd.,chennai , Chennai (15-Jun-2002).

33. Delivered a Lecture on "Exam preparation and career building " in 3 day training program on Strategies for improving the process of imparting education effectively organized by Kannada Sangha higher secondary school, Chennai , Chennai (05-Aug-2002).
34. Delivered a Lecture on "Total quality Management " in Certificate course in Management for Engineers-TQM organized by Sri Sai Ram Engineering College, Chennai, Chennai (02-Jan-2003).
35. Delivered a Lecture on "TQM tools-FMECA, Business process Re-Engineering " in Quality Management Program " TQM tools organized by Electronics Test & Development Centre , Chennai (11-Jan-2003).
36. Delivered a Lecture on "Change Management " in Quality Engineering & Management organized by Rajalakshmi Engineering College, Sriperumbudur, Sriperumbudur (31-Jan-2003).
37. Delivered a Lecture on "SIDCO in the service of small scale industries-networking with similar industries " in Workshop about the role of SIDCO organized by TANSIDCO Ltd., Chennai, Chennai (31-Jan-2003).
38. Delivered a Lecture on "An Awareness on ISO9000 " in Awareness programme for Raj Bhavan employees organized by Raj Bhavan, Chennai, Chennai (05-Feb-2003).
39. Delivered a Lecture on "Software project Management " in Software Project Management Workshop for TNEB Engineers organized by CPDE, Anna University, Chennai (13-Oct-2003).
40. Delivered a Lecture on "Quality Audit-TQM Techniques-ISO Certification " in Special course on Audit of public sector undertakings organized by Indian audit and Accounts Department, RTI , Chennai (16-Apr-2004).
41. Delivered a Lecture on "Capability maturity model " in Quality Management Programme organized by Lucas TVS Ltd., Chennai , Chennai (09-Jun-2004).
42. Delivered a Lecture on "Total Quality Management " in Orientation course for section officers/AAOs organized by Indian Audit and Accounts Department, RTI , Chennai (13-Oct-2004).
43. Delivered a Lecture on "5S & Kaizen " in CFD Training programme on TQM organized by Anna University , Chennai (17-Nov-2004).
44. Delivered a Lecture on "ISO, 5S & Kaizen " in CFD training programme on ISO, 5S & Kaizen organized by Anna University , Chennai (19-Nov-2004).
45. Delivered a Lecture on "Quality systems " in Faculty Development programme on TQM organized by B.S. Abdur Rahman Crescent Engineering College, Chennai, Chennai (03-Dec-2004).
46. Delivered a Lecture on "Management concept " in National refresher course on Maintenance and Management related to Municipal water works organized by Tamil Nadu water supply and Drainage board, HO, Chennai, Chennai (08-Dec-2004).

47. Delivered a Lecture on "Total Quality Management " in National symposium on Total quality management organized by Arunai engineering college,tiruvannamalai , Tiruvannamalai (12-Feb-2005).
48. Delivered a Lecture on "Total Quality Management " in Orientation course for section officers/AAOs organized by Indian audit and Accounts Department,RTI , Chennai (15-Mar-2005).
49. Delivered a Lecture on "Motivation and Leadership skills " in Orientation course for section officers/AAOs organized by Indian audit and Accounts Department,RTI, Chennai (16-Mar-2005).
50. Delivered a Lecture on "5S & Kaizen " in One day seminar on TQM organized by Mailam Engineering college,villupuram , Villupuram (19-Mar-2005).
51. Delivered a Lecture on "Job Scenario " in Seminar on Current scenario in Engineering Education organized by KarpagaVinayaga college of Engineering and Technol, Kanchipuram (22-May-2005).
52. Delivered a Lecture on "Ethical responsibilities of teachers in molding students " in Staff Orientation Programme organized by KarpagaVinayaga College of Engineering and Technol, Kanchipuram (25-Jun-2005).
53. Delivered a Lecture on "Total Quality Management " in Orientation course for section officers/AAOs organized by Indian audit and Accounts Department,RTI , Chennai (07-Jul-2005).
54. Delivered a Lecture on "Motivation and Leadership " in Orientation course for Accounts/Audit officers including IT awareness organized by Indian audit and Accounts Department,RTI, Chennai (16-Aug-2005).
55. Delivered a Lecture on "Export potential for Auto & Auto components " in One day seminar on export potential for Auto & Auto components organized by TANSTIA-FNF Service centre,Chennai , Chennai (21-Oct-2005).
56. Delivered a Lecture on "Motivation and Leadership " in Orientation course for Accounts/Audit officers including IT awareness organized by Indian audit and Accounts Department,RTI, Chennai (10-Nov-2005).
57. Delivered a Lecture on "Communication skills " in Orientation course for Accounts/Audit officers including IT awareness organized by Indian audit and Accounts Department,RTI , Chennai (11-Nov-2005).
58. Delivered a Lecture on "5S for workplace improvement,Continuous improvement ,juran trilogy-PDCA cycle -Kaizen " in 5S for workplace improvement,Continuous improvement ,juran trilogy-PDCA cycle -Kaizen CFD, organized by Anna University, Chennai (15-Dec-2005).
59. Delivered a Lecture on "Total Quality Management" in Orientation course for section officers/AAOs organized by Indian audit and Accounts Department,RTI, Chennai (13-Mar-2006).

60. Delivered a Lecture on "Motivation/Leadership skills " in Orientation course for section officers/AAOs organized by Indian audit and Accounts Department,RT, Chennai (15-Mar-2006).
61. Delivered a Lecture on "5S & Kaizen " in State level seminar on TQM organized by Thirumalai engineering college,kanchipuram, Kanchipuram (08-Apr-2006).
62. Delivered a Lecture on "Building a bright career" in "EXPLORE"-A trigger camp for students to build a bright career for Anna University students organized by TIME Foundation " Sri RM Jain vidhyashram,VMNaga, Thiruvellore (28-Jan-2007).
63. Delivered a Lecture on "5S & kaizen " in Faculty Development program on total Quality Management organized by B.S.AbdurRahman crescent Engineering college,Chenn, Chennai (15-Jun-2007).
64. Delivered a Lecture on "Quality Management Tools and Techniques " in Short term course on quality management for TNEB engineers organized by Anna University , Chennai (09-Aug-2007).
65. Delivered a Lecture on "Learning from other industry " in IFRA-RIND Training programme on TQM for newspapers organized by Chennai , Chennai (12-Dec-2008).
66. Delivered a Lecture on "Six sigma shop floor tools " in Six sigma Green belt organized by Anna University, Chennai (30-Aug-2009).
67. Delivered a Lecture on "POKA YOKE " in POKA YOKE organized by Anna University , Chennai (31-Oct-2009).
68. Delivered a Lecture on "Six sigma design tools " in Six sigma Green belt organized by Anna University, Chennai (03-Nov-2009).
69. Delivered a Lecture on "Total Quality Management " in Newer Trends in CAD/CAM organized by Thiagarajar polytechnic college,Salem, Salem (20-Nov-2009).
70. Delivered a Lecture on "Six sigma implementation,validation and control plan " in Six sigma Green belt organized by Anna University, Chennai (29-Nov-2009).
71. Delivered a Lecture on "TQM " in Guest lecture on quality management organized by St.Joseph college of engineering, , Chennai (12-Jan-2012).
72. Delivered a Lecture on "Six Sigma " in Manusys13-National level technical symposium organized by Anna University , Chennai (06-Mar-2013).
73. Delivered a Lecture on "QC movementsand its impact " in Quality circle annual meet organized by IGCAR,Kalpakkam , Kalpakkam (23-Aug-2013).
74. Delivered a Lecture on "An Entrepreneur's inspirational leadership " in Inter departmental technical symposium organized by Department of textile technology,Anna University, Chennai (31-Jan-2014).

75. Delivered a Lecture on "Management " in National level technical symposium-MANUSYSâ€™08-Department of Manufacturing engineering organized by Anna University , Chennai (09-Feb-2014).