

RESUME



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- 2. Designation/Official Address** : Professor ,
Centre for Manufacturing Sciences,
Department of Mechanical
Engineering
National Engineering College,
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Kovilpatti, Thoothukudi Dist., T.N.
- 3. Date of Birth** : 15-06-1964
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5. Qualifications

Sl.No	Degree/Branch	Name of the Board/University	Year of Passing	Divion/Grade
1	Ph.D(Metal Forming)	Manonmaniam Sundaranar University, Tirunelveli	2005(Dec)	
2	M.E.(Engineering Design)	GCT, Coimbatore, Bharathiyar University	1991(Feb)	I Class
3	B.Tech(Production Tech)	Madras Institute of Technology, Anna University Chennai	1987	I Class
4	B.Sc (Physics)	St.Xaviers college, Palayamkottai Madurai Kamaraj	1984	I Class

6. Previous Employments

Total Teaching Experience --20 years 4 months

Sl.No	Name of the Institution	From	To	Position
1	National Engineering College	23.09.2009	Till date	Professor & Head Centre Manufacturing Sci.,
2	National Engineering College	28.12.2005	22.09.2009	Professor Mechanical Engineering
3	National Engineering College	01.06.2000	27.12.2005	Assistant Prof.
4	National Engineering College	01.6.1999	30.05.2000	Senior Lecturer
5	National Engineering College	23.10.1991	30-05-1998	Lecturer
6	Shanmugha College of Engineering, Thanjore	13.02.1991	22.10.1992	Lecturer
7	Martensites Pvt.Ltd., Hosur	03.10.1987	05.07.1989	Assistant Engineer

7. Details of short term courses/Workshops/Training Programmes attended

1. ISTE Sponsored Programme on “**Induction Training For Teachers**” Organized by National Engineering College, K.R.Nagar, Kovilpatti -628503 during 14.11.96 to 16.11.96
2. AICTE Sponsored ISTE Summer School on “**Design and Computer simulation of pneumatic-Electro pneumatic systems**” from 11.05.97 to 24.05.97 at PSG College of Technology, Coimbatore
3. AICTE –ISTE Sponsored Programme on “**Mechatronics –Technology for 21st Century**” Organized by Madras Institute of Technology, Anna University Chennai during 05.07.1999 to 18.07.1999.
4. UGC Sponsored “**All India workshop on Dynamic processing of Materials**” Organized by Department of Production Engineering, Annamalai University, Chidambaram.
5. Faculty development programme on “**Environmental Sciences and Engineering**” Organized by Anna University, Chennai.
6. INDO German Workshop on “**Micro systems for Automotive and Machine Tool Industries**” Organized by PSG College of Technology, Coimbatore on 13th Feb,2008.
7. Three Day certificate course on “**Contact and convergence with ABAQUS standard**”, from 23rd to 25th Sep 2009 at Bangalore conducted by Simulia India, Chennai.
8. **Prediction, Prevention and Post Analysis of Engineering Failures** Organized by Society For Failure Analysis, Tiruchirapalli Chapter in association with NIT, Triuchirappalli on 17 th Oct 2014.
9. National Seminar on **Institutional Quality Improvement: Role of information and communication Technology**, organized by IQAC of St.Mary’s College, Thoothukudi during 31st Jan &1st Feb 2014.
10. **3rd World Summit on Accreditation** Organized by National Board of Accreditation, during March 18th -20th at The Leela Ambience Hotel,Gurgaon(Delhi NCR)
11. **7th International Conference on Creep,Fatigue and Creep-Fatigue Interaction** held at Indira Gandhi Centre for Atomic Research, Kalpakkam, , during 19-22,2016
12. **Capacity Building Programme on Business Incubation** during Dec 2015-March 2016 oranized by PSG CT –Science and Technology Entrepreneurial Park(PSG-STEP) & Entrenurship Development Institute, Chennai.

8. Conferences and Works shops Organized

1. International Conference on “**Recent Advances in Materials Processing Technology**” (RAMPT2009) from Feb 25-27th 2009 at National Engineering College, K.R.Nagar, Kovilpatti. More than 12 delegates from foreign universities attended the conference and 120 papers were presented in the conference
2. International Conference on “**Recent Advances in Materials Processing Technology**” (RAMPT2013) from Jan 07-09th 2013 at National Engineering College, K.R.Nagar, Kovilpatti. More than 12 delegates from foreign universities attended the conference and 150 papers were presented in the conference
3. Two days Workshop on “**Recent Advances in Composite Materials**” during 5th &6th March 2010.
4. One day Workshop on “**Recent advances in Friction Stir welding**” during 13th October 2010.
5. Two Day CSIR Sponsored Workshop on “**Application of Natural Fiber Composites for the Development of Rural Societies**” during 27th & 28 June 2012.
6. Two day BRNS Sponsored Workshop on “**Advances in Industrial Tribology**” during 11-12 Feb2015

9. Invited Lectures\Resource Person

1. Delivered a lecture in FDP programme in the area of” **Electro Hydraulic Pneumatic Logic Circuits**” organized by Noorul Islam College of Engineering, Thuckalai, Kanyakumari dist.
2. Delivered a lecture in Three days national level workshop on “Formulation of Research and development Grant proposals by Science and Technologists at National Engineering College during 18-20 Nov 2015
3. Acted as Chairperson in the Regional Workshop On Science Writing/Journalism Jointly organized by M.T.S.Academy, Rainbow-HRD NGO Chennai, National Council for Science and Technology Communication, Government of India, New delhi and National Engineering College, Kvilpatti from 17.02.2014 to 21.02.2014

10. Research Projects

- Board of Nuclear Sciences(BRNS) sponsored Project “**Design and development of Large diameter bearings for FBR**” was under taken during the period March 2007 to June 2010. The cost of the project is 21 lakhs

11. Research Activities:

1. Two Researcher Scholars are Pursuing under my Guidance in Anna University, Chennai
2. Five Research scholars Completed PhD and one submitted thesis
3. One Research Scholar Submitted His thesis and awaiting for the Evaluation report
4. Guided more than 25 PG thesis
5. Efforts have been taken to establish relationship with Research Institutes. In this regard students were sent to CSIR, Trivandram and Industries to do their Project.

12. Laboratories Established

1. Instrumental in establishing Automation Lab during the period 1996 by utilizing students Projects in Mechanical Engineering Department
2. Established a R&D Composite Laboratory in 2011

13. Technical Work

- 1 Secretary for Society for Manufacturing Engineers for More than 2 years during 2007 -2010
- 2 Associate Editor of Journal for Manufacturing Engineers for more than Two years 2007-2010
- 3 Efforts have been made to bring articles from reputed institutes like IIT, NITs, TCE and from foreign universities Iran, Bangladesh etc.
- 4 Efforts have been made to bring four issues per year (Quarterly Journal) and to get wide publicity for the Journal. More than 200 colleges subscribed for the Journal
- 5 International conference was organized from SME (RAMPT 2009)

14. Administrative Experience

1. Internal Quality Assurance cell Coordinator of the College from 2013 till date
2. Coordinator For Strategic Planning Committee
 - Regular meetings were conducted twice in a month for the development of the Institution in all the ways.
 - For each meeting minutes were prepared and submitted to the authorities.

- Through the committee motivation programmes were arranged for the students and staff members
 - Through regular meetings lot of innovative ideas were brought from the members to organize various programmes for the institution to reach the various sections of students.
3. Work shop in charge from 1997 to 2001. Furniture and partition works have been carried out with our staff members. Fabrications of name board for all kind were taken up for the college.
 4. Transport Officer during the period June 2003 to May 2005. Effort was taken to introduce yearly pass system from monthly/daily pass to mobilize more number of students.
 5. Sports coordinator for the college during 2011 -2013
 6. Organized National Level Hockey Tournaments for four consecutive years from 2012-2015

16. Membership in Professional Societies

1. Life member of ISTE-LM 12113 / 1992
2. Life Member of society for manufacturing Engineers – FMSME01005 / 2005
3. Member of Institution of Engineers – F-112982-8 / 2008
4. Life Member Society for Failure analysis

17. List of Publications in International/National Journals

1. P. Senthil Kumar, **K. Manisekar** & K.S.C.Vettivel, Effect of extrusion on the microstructure and tribological behavior of Copper-tin composites containing MoS₂, Taylor & Francis, Vol. 10.1080/10402004.2015
2. M. Kathiresan and **K. Manisekar**, Axial crush behaviours and energy absorption characteristics of aluminium and E-glass/epoxy over-wrapped aluminium conical frusta under low velocity impact loading, *Composite Structures*, Vol. 136, pp. 86–100, Feb 2016
3. R.Satheesh Raja and **K.Manisekar**, Experimental and statistical analysis on mechanical properties of nano flyash impregnated GFRP composites using central composite design method, *Materials and Design*, Elsevier, Oct 2015
4. M. S. Starvin, **K. Manisekar** , A. Simon Christopher , K. Selvakumar, A New Stable Numerical Method To Find The Change In Angle Of Contact In Angular Contact Ball Bearing Subject To Thrust Load, *Journal of the Balkan Tribological Association* Vol. 21, No 2, 339–350 ,2015
5. M.S.Starvin,**K. Manisekar**, N.Nagasubramanian, Design Optimization of Large Diameter Ball Bearings Using Genetic Algorithms, *International Journal of Applied Engineering Research*, Volume 10, Number 7 (2015) pp. 17729-17741
6. M.S.Starvin & **K.Manisekar**, The effect of manufacturing tolerances on the load carrying capacity of large diameter bearings, *Sadhana* Vol. 40, Part 6, September 2015, pp. 1899–1911.Indian Academy of Sciences
7. R.Karthikeyan, **K.Manisekar**, Venkata Subramanian, Study Of Microstructure And Mechanical Properties Of Cast And Forged Al-4.4cu Alloy, *IOSR Journal of Mechanical and Civil Engineering*, pp. 29-32, 2014
8. SME Babu, **K Manisekar**, AP Senthil Kumar, D Rajenthirakumar ,Experimental Study Of Thermal Contact Resistance In Hardened Bearing Surfaces, **Experimental Heat Transfer**, Vol.28 , issue 2,pp.189-203,2015
9. P. Senthil Kumar,& **K. Manisekar** Effect Of Composition On Friction Co Efficient Of Copper Based Cu- Sn-Mos2 Composites, *IJE Transactions A: Basics* 28(1):141-150,2015.
10. R.Karthikeyan, **K.Manisekar**, Venkata Subramanian, Study Of Microstructure And Mechanical Properties Of Cast And Forged Al-4.4cu Alloy, *IOSR Journal of Mechanical and Civil Engineering*,pp29-32,2014
11. P. Senthil Kumar, **K. Manisekar** & R. Narayanasamy, Experimental and Prediction of Abrasive Wear Behavior of Sintered Cu-SiC Composites Containing Graphite by Using Artificial Neural Networks, *Tribology Transactions*,57:455-471,2014.

12. P. Senthil Kumar, **K.Manisekar**, M.Poovaragavan & R.Narayanasamy, Dry Sliding wear performance of Cu-Sn Composites Containing MoS₂ Using Taguchi techniques, *J. Balk Tribol Assoc*, Book2, Vol.20, 2014.
13. P. Senthil Kumar & **K. Manisekar**, Effect of MoS₂ content on wear behavior of sintered Cu-Sn composite: A Taguchi approach: A comparative study using artificial neural networks, *Indian Journal of Engineering & Materials sciences*, Vol.21,pp.1-13, Dec2014
14. R. Satheesh Raja, **K. Manisekar** & V. Manikandan, Study on mechanical properties of fly ash impregnated glass fiber reinforced polymer composites using mixture design analysis, *Materials and Design*, (55) 499–508,2014.
15. M. Kathiresan,**K. Manisekar** &V.Manikandan, Crash worthiness analysis of glass fibre/epoxy laminated thin walled composite conical frusta under axial compression, *Composite Structures*, 108, 584–599,2014.
16. P. Senthil Kumar,**K. Manisekar** ,E. Subramanian & R. Narayanasamy, Dry sliding friction and Wear characteristics of Cu-Sn Alloy containing Molybdenum Disulphide, *Tribology Transactions*,56, 857-866, 2013
17. P. Ravindran, **K. Manisekar**, S. Vinoth Kumar & P. Rathika Investigation of Microstructure and Mechanical Properties of aluminium hybrid nano-composites with the addition of solid lubricant, *Materials and Design*,51,448-456,2013.
18. M. S. Starvin, S.Babu, Sriramachandra Aithal, **K.Manisekar**, & P. Chellapandi, Finite element simulation of non- linear deformation behaviour in large diameter angular contact thrust bearing,*Scientific Research and Essays*, pp.128–138,Vol. 8(3),2013.
19. R.Satheesh Raja, **K.Manisekar** &V.Manikandan,Effect of fly ash filler size on mechanical properties of polymer matrix composites, *International Journal of Mining, Metallurgy and Mechanical Engineering (IJMMME)*,pp.34-37,Volume 1,Issue 1,2013
20. P. Senthil Kumar,& **K Manisekar**, Friction and dry sliding wear behavior of Powder Metallurgy Processed Cu-Tin Alloy with Molybdenum Disulphide Additions: a Factorial Design approach, *International Review of Mechanical Engineering*, Volume 7, N7, pages 1355-1361,2013
21. Ravindran, P., **Manisekar, K.**, Narayanasamy, R.& Narayanasamy, P, Tribological behaviour of powder metallurgy processed aluminium hybrid composites with the addition of graphite solid lubricant, *Ceramics International*, 39 (2), 1169-1182,2013
22. P Ravindran,, **K Manisekar**, P Rathika & P Narayanasamy, Tribological properties of powder metallurgy–Processed aluminium self lubricating hybrid composites with SiC additions, *Materials & Design*, 45, 561-570,2013
23. S. Babu, **K. Manisekar** & M.S. Starvin, Experimental Investigation of Friction Effect on Linear Model Rolling Bearings for Large Diameter Thrust Bearing Design, *Tribology in Industry*,Vol. 34, No. 3, 111-118, 2012
24. Kathiresan, M., **Manisekar, K.**& Manikandan, V, Performance analysis of fibre metal laminated thin conical frusta under axial compression, *Composite Structures*, pp. 3510-3519 & 94 (12),2012
25. Ravindran, P., **Manisekar, K.**& Narayanasamy, P., Selvakumar, N., Narayanasamy, R, Application of factorial techniques to study the wear of Al hybrid composites with graphite addition, *Materials and Design*,pp. 42-54 & 39, 2012
26. Razal Rose, A., **Manisekar, K.**& Balasubramanian, V., Rajakumar, S Prediction and optimization of pulsed current tungsten inert gas welding parameters to attain maximum tensile strength in AZ61A magnesium alloy, *Materials and Design*, pp.334-348&37,2012
27. Rose, A.R., **Manisekar, K.**& Balasubramania, V, Influences of tool rotational speed on tensile properties of friction stir welded AZ61A magnesium Alloy Proceedings of the Inst. of Mech Engineers, *Part B: Journal of Engineering Manufacture*,pp. 649-663 &vol 226 (4)2012

28. Kumar, P.S., & **Manisekar, K.**, Wear and mechanical properties of sintered Cu-SnMoS₂ Powder pre-forms at dry atmospheric condition, *European Journal of Scientific Research*, pp. 148-155, vol 72 (1), 2012
29. Sree Manu, K.M., Resmi, V.G., Brahmakumar, M., Anand, N., Rajan, T.P.D., Pavithran, C., Pai, B.C., & **Manisekar, K.**, Synthesis of porous SiC preform and squeeze infiltration processing of Aluminium-SiC Metal ceramic composites, *Materials Science Forum*, pp. 371 -376, Vol. 710, 2012
30. Razal Rose, A., **Manisekar, K.** & Balasubramanian, V, Influences of welding speed on tensile properties of friction stir welded AZ61A magnesium alloy, *Journal of Materials Engineering and Performance*, pp. 257-265 & Vol 21 (2), 2012
31. Razal Rose, A., **Manisekar, K.** & Balasubramanian, V., Effect of axial force on microstructure and tensile properties of friction stir welded AZ61A magnesium alloy, *Transactions of Nonferrous Metals Society of China*, pp. 974-984 & Vol 21 (5) 2011
32. Raja, R.S., **Manisekar, K.** & Manikandan, V Effect of carbon black and fly ash fillers on tensile properties of composites, *Key Engineering Materials*, Vol 471-472, pp. 26-30, 2011
33. M.S. Starvin, J. Ebenezer Samuel Daniel, & **K. Manisekar**, Finite element analysis and experimental validation on non-linear stiffness of ball bearing, *CiiT International Journal of Automation and Autonomous systems*, Vol. 3 (8) 2011
34. M.S. Starvin, A. Simon Christopher & **K. Manisekar**, Finite element analysis of large diameter bearings subjected to thrust load, *CiiT International Journal of Automation and Autonomous systems*, Vol. 3 (8), 2011
35. **Manisekar, K.** & Narayanasamy, R, Effect of friction on barreling in square and rectangular billets of aluminium during cold upset forging, *Materials and Design*, pp. 592-598 & Vol 28 (2), 2007
36. **Manisekar, K.** & Narayanasamy, R, Malayappan, S Effect of friction on barreling in square billets of aluminium during cold upset forging, *Materials and Design*, pp. 147-155 & Vol 27 (2) 2006
37. **Manisekar, K.** & Narayanasamy, R, Some aspects on barreling in solid billets of noncircular Aluminium during cold upset forging with different lubricants, *Indian Journal of Engineering and Materials Sciences*, pp. 24-32 & Vol 12 (1) 2005
38. **Manisekar, K.** & Narayanasamy, R, Barrelling in square billets of aluminium during cold upset forging under dissimilar friction, *Transactions of the Indian Institute of Metals*, pp. 141-147 & Vol 57 (2) 2
39. **Manisekar, K.** & Narayanasamy, R, Phenomenon of barreling in square billets of aluminium during cold upset forging, *International Journal of Advanced Manufacturing Technology*, pp. 84-90 & Vol 21 (2) 2003
40. **Manisekar, K.** & Narayanasamy, R, Phenomenon of barreling in square billets of copper during cold upset forging, *Journal of the Institution of Engineers*, Singapore, Vol. 44, Issue 4, 2004

18. List of Publications in National Conferences/Seminars

1. J. Lakshmi pathy, S. Vinothkumar and **K. Manisekar**, Improvement in Physical and Mechanical properties of a 7068 hybrid Composites fabricated by Powder metallurgy Method, *6th International Conference on Advancements in Ploymer materials*, February 20-22, 2015 organized by Advanced Research School for Technology and Product Simulation, R& D wing CIPET
2. S. David Blessley, **K. Manisekar** and S. Vinothkumar Finite element Analysis of Cold Upset Forging of Aluminium Solid Cylindrical Billets, *6th International Conference on Advancements In Ploymer materials*, February 20-22, 2015 organized by Advanced Research School for Technology and Product Simulation, R& D wing CIPET, Chennai.

3. P.Ravindran, S.Vinothkumar,K.Manisekar and P. Narayanasamy, Effect of wear behavior of Dry Sliding Wear behavior of self lubricating Al-SiC-Gr Hybrid Composites, Proceedings of Advances in Industrial Tribology,11 &12 Feb 2015, Centre for Manufacturing Sciences, Department of Mechanical Engineering, National Engineering College, K.R.Nagar, Kovilpatti.
4. S.Vinoth kumar, **K.Manisekar** & P.Ravindran, National Conference on Innovative Development in Mechanical Engineering(IIDME-2014),department of Mechanical Engineering, Anna University, Regional Centre, Coimbatore.
5. S.Vinoth kumar, **K.Manisekar** & P.Ravindran, Development and Tribological Performance of Nano Sic Particles on the AA2024 Hybrid Composites with the addition of Nano Graphite, **5th International & 26th all India Manufacturing Technology, Design and Research Conference(AIMTDR 2014)**, Dec 12-14,2014,**IIT Guwahati**, India
6. S. Babu,and K. Manisekar, Experimental Study of Heat Distribution in Polished Bearing Surfaces for Design and Development of Large Diameter Slewing Ring Bearing For FBR, **1st International Conference on Structural Integrity, ICONS-2014**,Feb 4-7,2014,IGCAR,Kalpakkam.
7. S. Babu, K. Manisekar, V. Dinakarn, C. Gajendran, A Study of Mechanical Properties of Nuclear Reactor Bearing Steels Using Digital Image Correlation Technique, **International Conference on Advances in Design and Manufacturing (ICAD&M'14)**,Dec 5-7,2014,NIT,Trichy,India
8. R.Satheesh Raja, **K.Manisekar** & V.Manikandan ,Experimental Study on Tensile properties of Fibre reinforced polymer with and without filler material,**3rd International Conference on Recent Advances in Material Processing Technology**,Jan7-9,2013, Department of Mechanical Engineering , National Engineering College, Kovilpatti, ,Tamilnadu.
9. A.Razal Rose,V.Balasubramanian,K.Manisekar, S.R.Sundarabharathi, S.Rajkumar,Effect of D/d ratio on Microstructure and Mechanical Properties of Friction Stir Welded AZ61A Magnesium Alloy Joints,TEQIP Sponsored **National Seminar on Recent Trends in Welding Technology and Non –Destructive Testing**, Sep 20-21st 2013, Organized by Welding Society –Coimbatore Centre, Coimbatore Institute of Technolgoy.
10. P.Senthil Kumar, K.Manisekar & N.Seenu,Prediction of Mechanical and Tribological Properties in Cu-Sn Composites Containing MoS₂ using Artificial Network, **3rd International Conference on Recent Advances in Material Processing Technology**,Jan7-9,2013, Department of Mechanical Engineering , National Engineering College, Kovilpatti, ,Tamilnadu.
11. P.Ravindran &K.Manisekar, Tribological Properties of Hybrid Aluminium Nano Composites, **3rd International Conference on Recent Advances in Material Processing Technology**,Jan7-9,2013, Department of Mechanical Engineering , National Engineering College, Kovilpatti, ,Tamilnadu.
12. A.Thanesh, L.Vadivel kannan and K.Manisekar,Study of Tensile behavior Sancevaria Trifasciata Laurenth Polyester Composites, **3rd International Conference on Recent Advances in Material Processing Technology**,Jan7-9,2013, Department of Mechanical Engineering , National Engineering College, Kovilpatti, ,Tamilnadu.
13. Sree Manu, K.M., Resmi, V.G., Brahmakumar, M., Anand, N., Rajan, T.P.D., Pavithran, C., Pai, B.C., & **Manisekar, K**, **Structural And Mechanical Characteristics of Infiltration Processed Metal Matrix Composites**, **National Aerospace Manufacturing Seminar, Nov18-19th 2011**, **Organized** by Society of Aero Space Manufacturing Engineers, Thiruvananthapuram,
14. Rose, A.R., **Manisekar, K.**& Balasubramania, V, Effect of Shoulder diameter and pin diameter on tensile properties of friction stir welded AZ61A Magnesium alloy, **International welding Symposium on Innovative Processes for Materials Joining &surfacing**, Feb 10-12th ,2010, ,Mumbai
15. M.Starvin, S.Babu, K.Mannisekar, A Normal force displacement model for elastic-Plastic contact analysis of a deformatal sphere and a rigid Flat, **National conference on innovative design and effective analysis**, March18th 2010,Government College of Engineering, Tirunelveli.

16. R.Satheesh Raja, **K.Manisekar** & V.Manikandan ,Effect of Carbon black and fly ash fillers on mechanical properties of composites, **International conference on carbon Nanotechnology for the new century**, Dec 17th Dec 2010, Indian Institute of Technology, Kanpur.
17. **K.Manisekar**, R.Narayansamy & S.Malayappan, Effect of barrelling in square billets of Al. by introducing die constraints at one end under unlubricated condition during cold upset forging, **21st AIMTDR, National conference**, Dec 20 – 22, 2004, Department of Mechanical Engineering, VIT Deemed University, Vellore
18. **K.Manisekar** & K.Ramesh, Optimum blank Utilization using genetic algorithm, **National Conference on Advances in Manufacturing Technology, Feb 15 -16, 2003**, Dept. of Mech. Engg., N.S.S. college of Engg., Palakkad & The Institution of Engineers(India)
19. **K.Manisekar** & S.Manikandan, Optimization of Tool Handling Time using 'AGA' and help desk system, **National Conference on Advances in Manufacturing Technology, Feb 15 -16, 2003**, Dept. of Mech. Engg., N.S.S. college of Engg., Palakkad & The Institution of Engineers(India)
20. K.Ramesh & **K.Manisekar**, Optimization of blank Dimensions on a Stamping Strip For Convex and Non –Convex Shapes –'AGA', **National Conference on Advance trends in Mechanical Engineering Research and Development, 21st Dec 2003**, JNTU College of Engineering, Anaparthi,
21. M.S.Starvin & K Manisekar, Study on design and analysis of large diameter bearings, **3rd International and 24th AIMTDR 2010 conference**, Dec 13-15th, 2010, Andhra University, Visagapatnam.
22. Rose, A.R., **Manisekar, K.** & Balasubramania, V, Effect of frictional Heat Generation on micro structure and tensile properties of Friction Stir welded AZ61A Magnesium alloy, International conferences on Advances in Cutting welding & surface engineering, Jan 22-23 2011, Welding Society, Coimbatore
23. M.S.Starvin & K Manisekar ,Investigation of non –Linear stiffness of ball bearing using FEA, International conference on advance Engineering and technology, May 2011, EGS Pillai Engineering College, Nagapattinam
24. M. S. Starvin, S.Babu, Sriramachandra Aithal, **K.Manisekar**, & P. Chellapandi ,Design and Estimation of Case Hardening Depth in Large diameter bearings used in FBR, Transactions, SMIRT 21, Nov 6-11th, 2011, New Delhi
25. R.Satheesh Raja, **K.Manisekar** & V.Manikandan ,Effect of carbon Black and fly ash fillers on Tensile properties of composites, Eighth international conference on composite science and Technology (iccsT8), March 22-24th 2011, Kuala Lumpur, Malaysia
26. R.Satheesh Raja, **K.Manisekar** & V.Manikandan ,Effect of Fly ash filler size on mechanical properties of polymer matrix composites, International conference on manufacturing and industrial Engineering (ICMIE'12), Dec 29-30th 2012, Kuala Lumpur, Malaysia

The above given details are true to the best of my knowledge and belief.

Station: K.R.Nagar.

Date : 06.06.2016

(Dr.K.Manisekar)