

Name	Dr. A. NAVEEN SAIT			
Contact (office)	Principal & Professor Department of Mechanical Engineering, M.I.E.T. Engineering College, Gundur, Trichy – 620 007.			
Email	Mobile: 96986 22000 Email: naveensait@yahoo.co.in			
Educational Qualifications	DEGREE	EDUCATIONAL INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING
	Ph.D (Production Engineering)	National Institute of Technology, Tiruchirappalli	National Institute of Technology, Tiruchirappalli	2008
	M.E. (Production Engineering)	Thiagarajar College of Engineering	Madurai Kamaraj University	2001
	B.E (Production Engineering)	Adhiyamaan College of Engineering	University of Madras	1998
Professional Career Profile	Organization	Designation	Date of Joining	Duration of work
	M.I.E.T. Engineering College	Principal & Professor	06/12/2019 to till date	--
	Chendhuran College of Engineering & Technology, Pudukkottai	Principal & Professor	01/07/2008 to 08/11/2018	10Y 4M
	Mount Zion College of Engineering and Technology, Pudukkottai	Assistant Professor / Principal in-charge	05/01/2005 to 30/06/2008	3Y 5M
		Lecturer	03/12/2001 to 04/01/2005	3Y 1M
Jayam College of Engineering and Technology, Dharmapuri	Lecturer	04/06/1998 to 13/09/2000	2Y 3M	
Reviewership	Reviewer for 1] International Journal of Production Research (IJPR) 2] International Journal of Materials, Manufacturing and Optimization (IJMMO)			

- 3] International Journal of Manufacturing Engineering (IJME)
- 4] International Journal of Enterprise Network Management (IJENM)
- 5] Journal of Mechanical Engineering Research (JMER)
- 6] International Journal of Machining and Machinability of Materials (IJMMM)
- 7] International Journal of Computer Engineering Research (IJCER)
- 8] International journal of Simulation Modelling (IJSIM)
- 9] Journal of Petroleum and Gas Exploration Research (JPGER)
- 10] International Journal of Simulation and Modeling (IJSIMM)
- 11] Neural Computing and Applications (NCA)
- 12] Journal of Minerals and Materials Characterization and Engineering (JMMCE)
- 13] Journal of Mechanical Science and Technology (JMST)
- 14] Proceedings of the IMechE, Part B: Journal of Engineering Manufacture (JEM)
- 15] International Journal of Computer Aided Engineering and Technology (IJCAET)
- 16] Rapid Prototyping Journal (RPJ)
- 17] Jordan Journal of Mechanical and Industrial Engineering (JJMIE)
- 18] Journal of Materials and Environmental Science (JMESCN)
- 19] Innovation: Management, Policy & Practice (RIMP)
- 20] Polymer Composites (PC)
- 21] Journal of Advances in Mechanical Engineering and Sciences (JAMES)
- 22] Materials and Design (JMAD)
- 23] International Journal of Productivity and Quality Management (IJPQM)

<p style="text-align: center;">Book Publications</p>	<p><u>Books Published</u></p> <p>[1] Dr. A. Naveen Sait, R. Soundarajan, "Basic Civil and Mechanical Engineering", 2008, R.P. Publications, Coimbatore.</p> <p>[2] Dr. A. Naveen Sait, Dr. M. Ravichandran, "Manufacturing Technology II", 2015, SrikrishnaHitech Publishing Company Pvt. Ltd, Chennai, (ISBN 978-93-80659-73-2).</p> <p>[3] Dr. A. Naveen Sait, Dr. M. Ravichandran, N. Sabarirajan "Manufacturing Technology – I", 2015, SrikrishnaHitech Publishing Company Private Limited Chennai, (ISBN 978-93-85364-18-1).</p> <p>[4] Dr. A. Naveen Sait, N. Sabarirajan "Mechatronics", 2016, SrikrishnaHitech Publishing Company Private Limited, Chennai, (ISBN 978-93-85364-74-7).</p> <p>[5] Dr. A. Naveen Sait, Dr. M. Ravichandran, S. DineshKumar "Unconventional Machining Processes", 2017, Maruthi Publishers, Chennai, (ISBN 978-93-80757-01-8).</p> <p>[6] Dr. A. Naveen Sait, N. Sabarirajan "Automobile Engineering", 2017, Maruthi Publishers, Chennai, (ISBN 978-93-80757-66-7).</p> <p>[7] Dr. A. Naveen Sait, Editor of the Proceedings "Recent Advances in Manufacturing and Materials" 2011, Excel Publishers, New Delhi, (ISBN 93-80697-98-8).</p> <p>[8] Dr. A. Naveen Sait, Editor of the Proceedings "International Conference on Technological Developments in Engineering (ICTDE'15)" 2015, (ISBN 978-93-80624-99-0).</p>
	<p style="text-align: center;">Membership in Professional Bodies</p>

Academic Areas of Interest	1. Composite Machining 2. Optimization Techniques																						
Conferences Organized	<p><u>Details of Conferences Organised</u></p> <ul style="list-style-type: none"> ➤ Organised First National Conference on “Recent Advances in Manufacturing and Materials (RAMM ‘11)” as Conference Chair during 8th & 9th of April 2011. AICTE, New Delhi sponsored the conference and proceeding of the Conference was published by Excel Publishers, New Delhi with ISBN 93-80697-98-8. ➤ Organised First “International Conference on Technological Developments in Engineering (ICTDE ‘15)” as Conference Chair during 9th & 10th of April 2015. Proceedings of the Conference was published by Jai Tech Publications, Chennai with ISBN 978-93-80624-99-0. 																						
Research Guidance	<p><u>Ph.D Guidance</u></p> <p><u>Details of Scholars completed Ph.D</u></p> <table border="1" data-bbox="383 1150 1549 1900"> <thead> <tr> <th data-bbox="383 1150 500 1230">Sl. No.</th> <th data-bbox="500 1150 764 1230">Name of the Scholars</th> <th data-bbox="764 1150 1281 1230">Title of the Thesis</th> <th data-bbox="1281 1150 1549 1230">Year of Award</th> </tr> </thead> <tbody> <tr> <td data-bbox="383 1230 500 1386">1.</td> <td data-bbox="500 1230 764 1386">M.Ravichandran</td> <td data-bbox="764 1230 1281 1386">Experimental Investigation on Forming Behavior of Aluminium Hybrid Composites (Al-TiO₂-Gr) during Cold Upset Forging</td> <td data-bbox="1281 1230 1549 1386">2014 (12.09.2014)</td> </tr> <tr> <td data-bbox="383 1386 500 1541">2.</td> <td data-bbox="500 1386 764 1541">K.Vijaykumar</td> <td data-bbox="764 1386 1281 1541">Machinability studies and parametric optimization of CFRP and Hybrid Aramid Composite Pipes</td> <td data-bbox="1281 1386 1549 1541">2015 (30.01.2015)</td> </tr> <tr> <td data-bbox="383 1541 500 1734">3.</td> <td data-bbox="500 1541 764 1734">M.PandiKrishnan</td> <td data-bbox="764 1541 1281 1734">Experimental Analysis and Optimization of Seam and TIG Welding Parameters for SS301,SS304 & SS316 Stainless Steel Sheets</td> <td data-bbox="1281 1541 1549 1734">2016 (12.09.2016)</td> </tr> <tr> <td data-bbox="383 1734 500 1900">4.</td> <td data-bbox="500 1734 764 1900">S.Karthick</td> <td data-bbox="764 1734 1281 1900">Some studies on Integration of efficient Supply Chain Network with Cloud Computing and Brand Management for FMCG products</td> <td data-bbox="1281 1734 1549 1900">2017 (24.07.2017)</td> </tr> </tbody> </table>			Sl. No.	Name of the Scholars	Title of the Thesis	Year of Award	1.	M.Ravichandran	Experimental Investigation on Forming Behavior of Aluminium Hybrid Composites (Al-TiO ₂ -Gr) during Cold Upset Forging	2014 (12.09.2014)	2.	K.Vijaykumar	Machinability studies and parametric optimization of CFRP and Hybrid Aramid Composite Pipes	2015 (30.01.2015)	3.	M.PandiKrishnan	Experimental Analysis and Optimization of Seam and TIG Welding Parameters for SS301,SS304 & SS316 Stainless Steel Sheets	2016 (12.09.2016)	4.	S.Karthick	Some studies on Integration of efficient Supply Chain Network with Cloud Computing and Brand Management for FMCG products	2017 (24.07.2017)
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	5.	R.Ashok Kumar	Processing of Al (6082) Matrix Hybrid Composites With B ₄ C - Fly Ash - Garnet Reinforcements And Its Machining Studies	2018 (22.01.2018)
	6.	K.Balamurugan	Friction Welding of AISI 904L Super Austenitic Stainless Steel and Evaluation of Processed Joints	2018 (04.07.2018)
	7.	S.G.Shelvaraj	Electrical Discharge Machining studies of Al-TiC Composites processed through Powder Metallurgy technique	2018 (26.09.2018)
	8.	RK.Prabakaran	Investigations on Synthesis and Characterization of High Entropy Alloy(CrMnFeNiCu) reinforcements with Aluminium Matrix composite	2019 (13.06.2019)
	9.	J.Rajaparthiban	Machining Studies on Titanium and Nickel based Super Alloys	2021 (13.01.2021)
	10.	N. Sabarirajan	Mechanical and Corrosion Characterization of Friction Stir Welded Aluminium Alloys (AA6061 & AA8011)	2021 (05.03.2021)
No of scholars: 4 (four) Research scholars are pursuing Ph.D.				

LIST OF PUBLICATIONS

International Journal

Google Scholar Link: <https://scholar.google.co.in/citations?user=zCW1v1UAAA&hl=en>

- [1] S Aravindan, **A. Naveen Sait**, A Noorul Haq, "A Machinability Study of GFRP pipes using statistical techniques", International Journal of Advanced Manufacturing Technology, 2008, Vol.37, pp 1069-1081.
- [2] **A. Naveen Sait**, S Aravindan, A NoorulHaq, "Experimental investigation on machining of filament wound GFRP pipe by cemented carbide (K20) cutting tool", International Journal of Machining and Machinability of Materials, 2008, Vol.3, Nos.3/4, pp 364-381.
- [3] **A. Naveen Sait**, S Aravindan, A NoorulHaq, "Investigation on surface damages on machining hand layup GFRP composites", International Journal of Materials and Sciences, 2008, Vol.3, No.3, pp 275-288.

- [4] **A. Naveen Sait**, S Aravindan, A NoorulHaq, "Influence of machining parameters on surface roughness of GFRP pipes", Journal of Advances in Production Engineering and Management, 2009, Vol.4, No.1-2, pp 47-58.
- [5] **A. Naveen Sait**, S Aravindan, A Noorul Haq, "Optimization of machining parameters of GFRP pipes by desirability function analysis using Taguchi Technique", International Journal of Advanced Manufacturing Technology, 2009, Vol.43, No.5-6, pp 581-589.
- [6] **A. Naveen Sait**, "Optimization of machining parameters of GFRP pipes using Evolutionary Techniques", International Journal of Precision Engineering and Manufacturing, 2010, Vol.11, No.6, pp 891-900.
- [7] K Shobana, **A. Naveen Sait**, ANoorul Haq, "RFID Based vehicle toll collection system for toll roads", International Journal of Enterprise Network Management, 2010, Vol.4, No.1, pp 3-15.
- [8] G Vijay Chakaravarthy, S Marimuthu, **A. Naveen Sait**, "Comparison of Firefly algorithm and Artificial Immune System algorithm for lot streaming in m-machine flow shop scheduling", International Journal of Computational Intelligence Systems, 2012, Vol. 5, No.6, pp.1184-1199.
- [9] G Vijay Chakaravarthy, S Marimuthu, **A. Naveen Sait**, "Performance evaluation of proposed differential evolution and particle swarm optimization algorithms for scheduling m-machine flow shops with lot streaming", Journal of Intelligent Manufacturing, 2013, Vol. 24, No.1, pp.175-191
- [10]G Vijay Chakaravarthy, S Marimuthu, **A. Naveen Sait**, " Comparison of Improved Sheep Flock Heredity Algorithm and Artificial Bee Colony algorithm for lot streaming in m- machine flow shop scheduling", Arabian Journal for Science and Engineering, 2014, Vol. 39, pp.4285-4300.

- [11]K Balamurugan, A P Abhilash, P Sathiya, **A. Naveen Sait**, "Artificial Neural Network Simulation and Particle Swarm Optimisation of Friction Welding Parameters of 904L Superaustenitic Stainless Steel", Multidiscipline Modeling in Materials and structures, 2014, Vol.10, No.2, pp.250-264.
- [12]M Ravichandran, **A. Naveen Sait**, V Anandakrishnan, "Synthesis and Forming Behavior of Aluminium-based Hybrid Powder Hybrid Powder Metallurgic Composites" International Journal of Minerals, Metallurgy and Materials, 2014, Vol. 21, No. 2, pp. 181-189.
- [13]M Ravichandran, **A. Naveen Sait**, V.Anandakrishnan, "Al-TiO₂-Gr Powder Metallurgy Hybrid Composites with Cold Upset Forging" Rare Metals, 2014, Vol. 33, No. 6, pp. 686-696.
- [14]M Ravichandran, **A. Naveen Sait**, V Anandakrishnan, "Effect of TiO₂ in Aluminium matrix on workability behavior of Powder Metallurgy Composites during Cold Upsetting." International Journal of Materials Research, 2014, Vol. 105, No. 4, pp. 358-364.
- [15]K Balamurugan, Jiju V Elies, P Sathiya, **A. Naveen Sait**, "Optimization of process parameters in friction welding of AISI 904L super austenitic stainless steel using evolutionary computational techniques", Materials Testing, 2014, Vol. 56, No. 3, pp. 245-250.
- [16]K Balamurugan, P Sathiya, **A. Naveen Sait**, "Weldability Studies and Parameter Optimization of AISI 904L Super Austenitic Stainless Steel Using Friction Welding", Materials Research, 2014, vol.17, No.4, pp. 908-919.
- [17]K Vijay Kumar, **A. Naveen Sait**, K Panneerselvam, "Machinability Study of Hybrid Polymer Composite Pipe Using Response Surface Methodology and Genetic Algorithm" Journal of Sandwich Structures and Materials, 2014, Vol. 16, No. 4, pp. 418-439.
- [18]M Ravichandran, **A. Naveen Sait**, V Anandakrishnan, "Densification and deformation studies on Sintered Powder Metallurgy Al-TiO₂-Gr Composite during cold upsetting" Journal of Materials Research, 2014, Vol. 29, No. 13, pp. 1480-1487.

- [19]K Vijay Kumar, **A. Naveen Sait**, K.Panneerselvam "Machining Parameter Optimization of Bidirectional CFRP Composite pipe by Genetic Algorithm" Materials Testing, 2014, Vol. 56, No.9, pp.728-736.
- [20]K Vijay Kumar, **A. Naveen Sait**, "Modelling and optimisation of machining parameters for composite pipes using artificial neural network and genetic algorithm" International Journal of Interactive Design and Manufacturing, 2017, Vol. 11, No. 2, pp. 435-443.
- [21]M Ravichandran, **A. Naveen Sait**, V Anandkrishnan, "Synthesis and Forming Characteristics of Al – TiO₂ Powder Metallurgy Composites during Cold Upsetting under plane stress state conditions" Journal of Sandwich Structures and Materials,2015, Vol. 17, No. 3, pp. 278-294.
- [22]M Ravichandran, **A. Naveen Sait**, V Anandkrishnan, "Workability Studies on Al+2.5%-TiO₂+Gr Powder Metallurgy Composites During Cold Upsetting" Materials Research, 2014, Vol. 17, No.6, pp.1489-1496.
- [23]M Pandi Krishnan, **A. Naveen Sait**, M Ravichandran, "Parametric optimization of seam welding of Stainless steel(SS304)sheets", Materials Testing, 2015,Vol. 57, No. 5, pp. 463-467.
- [24]R Senthilraja and **A. Naveen Sait**, "Modeling and Parametric Optimization of Friction Stir Welding for Magnesium AZ91D alloys using Factorial Design", International Journal of Applied Engineering Research, 2015, Vol. 10, No.4, pp.10253-10263.
- [25]R Senthilraja and **A. Naveen Sait**, "Optimization of Friction Stir Welding parameters for Magnesium alloy AZ91D using Taguchi Design", Physicochemical Mechanics of Materials,2015, N0.2, pp.36-41.
- [26]R Baskaran, P Marimuthu, S Jayalakshmi **A. Naveen Sait** and K Chandrasekaran, "Evaluation of Influencing Parameters on Turning INCONEL 625 with Traditional Technique", International Journal of Applied Engineering Research, 2015, Vol. 10, No.55, pp.4039-4043.

- [27]S Karthick, and **A. Naveen Sait**, "A View on how Cloud Computation be Implemented in Supply Chain Management", International Journal of Applied Engineering Research, 2015, Vol. 10, No.56, pp.323-327.
- [28]R Ashok Kumar, K Subramanian and **A. Naveen Sait**, "Extrusion Characterizes of Al /B4C/Flyash by Stir Casting Process and Powder Metallurgy Techniques", International Journal of Applied Engineering Research, 2015, Vol. 10, No.56, pp.399-403.
- [29]R Senthilraja and **A. Naveen Sait**, "Optimization of Friction Stir Welding parameters for Magnesium alloy AZ91D using Taguchi Design", Materials Science, 2015, Vol.51,N0.2, pp.180-187.
- [30]M Pandi Krishnan, **A. Naveen Sait** "Parametric Optimization and Interaction effect of TIG Welding Parameters for Stainless Steel (SS 301) sheets", Mechanics and Mechanical Engineering, 2015, Vol.19,N0.2, pp.91-101.
- [31]S Kathiravan, **A. Naveen Sait**, M Ravichandran "Experimental Investigations on Stretchability of Austentic Stainless Steel 316L" Iranian Journal of Material Forming, 2016, Vol.3,N0.1, pp.55-64.
- [32]M Ravichandran, **A. Naveen Sait** "Evaluation of Seam Welding Parameters of Stainless steel (SS316) sheets using Taguchi Technique" Journal of Manufacturing Technology Research, 2016, Vol.7,N0.(3-4), pp.175-186.
- [33]S Karthick, **A. Naveen Sait**, "Novel Mathematical Model for a Reduced Supply Chain Network and Efficient Distribution of FMCG Product", International journal of Advanced Engineering Technology, 2016, Vol.7, N0.1, pp.969-973.
- [34]S Karthick, **A. Naveen Sait**, "An Innovative Approach of a Reduced Supply Chain Network Design for Efficient Distribution of FMCG Product", International Journal of Business Management. 2016, Vol.8, N0.2, pp.231-238.
- [35]R Ashok Kumar, **A. Naveen Sait** and K Subramanian, "Mechanical Properties and Microstructure of stir cast Al/B4C/Garnet Composites", Materials Testing, 2017, Vol.59, N0.4,pp.338-343.

- [36]R K Prabakaran, **A. Naveen Sait**, V.Senthilkumar "Synthesis and Characterization of High Entropy Alloy (CrMnFeNiCu) Reinforced AA6061 Aluminum Matrix Composite", Mechanics and Mechanical Engineering, 2017, Vol.21, N0.2, pp.415-424.
- [37]R Ashok Kumar, K Subramanian and **A. Naveen Sait**, "Evaluation of wear behavior for Al/B4C/Fly ash composites by stir casting process", Journal of Scientific and Industrial Research, 2018, Vol.77, N0.5, pp.282-287.
- [38]M Ravichandran, **A. Naveen Sait**, U Vignesh, "Investigation on TIG Welding Parameters of 2205 Duplex Stainless Steel ", International Journal of Automotive and Mechanical Engineering, 2017, Vol.14,N0.3, pp.4518-4530.
- [39]S G Shelvaraj, **A. Naveen Sait**, "Optimization of EDM Parameters for Al – TiC Composites Prepared through Powder Metallurgy Route", Mechanika, 2018, Vol.24, N0.1, pp.135-142.
- [40]J Rajaparthiban, **A Naveen Sait**, "Application of grey based Taguchi's method and Deform-3D for optimizing multiple responses in turning of Inconel 718", Materials Testing, 2018, Vol.60, N0.9, pp.907-912.
- [41]J Rajaparthiban, **A. Naveen Sait**, "Experimental Investigation on Machining of Titanium Alloy (Ti 6Al 4V) and Optimization of its Parameters using ANN", Mechanika, 2018, Vol.24, N0.4, pp.449-455.

INTERNATIONAL CONFERENCES

- [42]**A. Naveen Sait**, S.Aravindan, A.Noorul Haq, "Experimental Study on machining of GFRP pipes", First International Conference and 22nd All India Manufacturing Technology Design and Research Conference (AIMTDR), pp 457-462.
- [43]**A. Naveen Sait**, S.Aravindan, A.Noorul Haq, "Performance of K₂₀ grade cemented carbide cutting tools on machining GFRP pipes", International conference on Recent Advances in Composite Materials (ICRACM), pp 327-334.

- [44]**A. Naveen Sait**, S.Aravindan, A.Noorul Haq, "Experimental investigation of damages on machined surfaces of GFRP pipes", International conference on Manufacturing Research(ICMR 08), Brunel University, West London, UK, Vol. 1, pp 31-38
- [45]K.Shobana, **A. Naveen Sait**, A.Noorul Haq, "RFID Based vehicle toll collection system for toll roads", International conference on Supply Chain Management and Information Systems (SCMIS – 2008), National Institute of Technology, Tiruchirappalli, pp 148-156.
- [46]G.Vijay Chakaravarthy, S.Marimuthu, **A. Naveen Sait**, Differential Evolution algorithm for m-machine flow shops with lot streaming, International conference on Ever Growing and Never Ending Managerial Challenges (ICEGNEMC-011), Page51-60, Oct 28-30, 2011, Paper No. IPO-07.
- [47]G.VijayChakaravarthy, S.Marimuthu, **A. Naveen Sait**, Particle Swarm Optimization algorithm for scheduling m-machine flow shops with lot streaming, International conference on Design and Advances in Mechanical Engineering (ICDAAME2011), Page 391-399, Dec16-17, 2011, Paper No. 4, ISBN No: 978-81-8424-740-4.
- [48]K.Vijay Kumar, K.Pannerselvam, **A. Naveen Sait**, K P Syamjith, "Machining Parameter Optimization and Modelling of Carbon Fiber Reinforced Polymer Using Genetic Algorithm and Artificial Neural Network" 3rd International Conference on Production and Industrial Engineering (CPIE 2013), Dr B R Ambedkar National Institute of Technology, Jalandhar.
- [49]G.Vijay Chakaravarthy, S.Marimuthu, and **A. Naveen Sait**, "Differential Evolution algorithm for m-machine flow shops with lot streaming", International conference on Ever Growing and Never Ending Managerial Challenges (ICEGNEMC-011), pp.51-60, Oct 28-30, 2011, Paper No. IPO-07.
- [50]G.Vijay Chakaravarthy, S.Marimuthu, and **A. Naveen Sait**, "Particle Swarm Optimization algorithm for scheduling m-machine flow shops with lot streaming", International conference on Design and Advances in Mechanical Engineering (ICDAAME2011), pp. 391-399, Dec16-17, 2011, Paper No. 4, ISBN No: 978-81-8424-740-4.

- [51]M. Ravichandran, **A. Naveen Sait** and V. Anandakrishnan "Hot upset forging studies on Al-2.5%TiO₂-Gr hybrid powder metallurgy composite" International Conference on Powder Metallurgy and Particulate Materials, Powder Metallurgy Association of India - Mumbai,(23–25 Jan, 2014) Chennai - pp.55. Transactions of Powder Metallurgy Association of India, 40 (2) (2015) 43-49.
- [52]S.Karthick and **A. Naveen Sait**, A View on how Cloud Computation be Implemented in Supply Chain Management, International conference on Technological Developments in Engineering (ICTDE2015), Page 87-91, April 9-10, 2015, ISBN No: 978-93-80624-99-0.
- [53]S. Akhil and **A. Naveen Sait**, Investigation of Machine Tool Deflections in Plane Surface Grinding and the effect on Achieved Depth of Cut, International conference on Technological Developments in Engineering (ICTDE2015), Page 324-332, April 9-10, 2015, ISBN No: 978-93-80624-99-0.
- [54]M.Meignanamoorthy, **A. Naveen Sait** and M.Ravichandran, Assessment of Mechanical Properties and Microstructural Analysis of Hot Extruded Aluminum Hybrid Composites, International conference on Technological Developments in Engineering (ICTDE2015), Page 379-382, April 9-10, 2015, ISBN No: 978-93-80624-99-0.
- [55]M.Pandikrishnan, **A. Naveen Sait** and R. Ashok Kumar, Interaction effect of Seam Welding Parameters for Stainless steel (SS304) sheet, International conference on Technological Developments in Engineering (ICTDE2015), Page 421-426, April 9-10, 2015, ISBN No: 978-93-80624-99-0.
- [56]R.Ashok Kumar R, and **A. Naveen Sait** and M.Ravichandran, Optimization of Quality Characteristics in CNC Turning Process of GFRP Rod by Using Taguchi's Method, International conference on Technological Developments in Engineering (ICTDE2015), Page 427-429, April 9-10, 2015, ISBN No: 978-93-80624-99-0.
- [57]P.AlaguSundaram and **A. Naveen Sait**, Weld ability Studies of Dissimilar (SS304&316) Sheet Using Spot Welding, International conference on Technological Developments in Engineering (ICTDE2015), Page 437-439, April 9-10, 2015, ISBN No: 978-93-80624-99-0.

[58]R.Ashok Kumar, K.Subramanian and **A. Naveen Sait**, Extrusion Characterizes of Al/B4C/Fly Ash by Stir Casting Process and Powder Metallurgy Techniques, International conference on Technological Developments in Engineering (ICTDE2015), Page 440-444, April 9-10, 2015, ISBN No: 978-93-80624-99-0.

National Conferences

[59]**A. Naveen Sait**, S.Aravindan, A.Noorul Haq, "Optimization of machining parameters for GFRP pipes", National Conference on Recent Trends in Manufacturing and Thermal Engineering (NCRMT), pp 160-167.

[60]D.Jafrey Daniel James, R.Soundararjan, **A. Naveen Sait**, R.Srinivasan, "Investigation and Beneficial effects of Cryogenic treated method over Cryogenic injection Method", National Conference on Recent Advances in Manufacturing and Materials (RAMM'11), pp 21-25. (ISBN 93-80697-98-8).

[61]G.Vijay Chakaravarthy, S.Marimuthu, **A. Naveen Sait**, P.Nelson Raja, "Particle Swarm optimization Algorithm for Scheduling m-Machine flowshops with lot streaming", National Conference on Recent Advances in Manufacturing and Materials (RAMM'11), pp 119-124. (ISBN 93-80697-98-8).

[62]R.K.Prabakaran, **A. Naveen Sait**, V.Senthil Kumar, "Compressability Studies and the effect of addition TiC in pure Aluminum during cold compaction", National Conference on Recent Advances in Manufacturing and Materials (RAMM'11), pp 226-230 (ISBN 93-80697-98-8).

[63]K.Vijaykumar, **A. Naveen Sait**, "Overview on Machining of Polymer Composites", National Conference on Recent Advances in Manufacturing and Materials (RAMM'11), pp 236-244. (ISBN 93-80697-98-8).

[64]M.Ravichandran, **A. Naveen Sait**, V.Ananthakrishnan, "Experimental Investigation on Characteristics of Ti and Cu based low alloy P/M steels ", National Conference on Recent Advances in Manufacturing and Materials (RAMM'11), pp 261-266. (ISBN 93-80697-98-8).

[65]G.Vijay Chakaravarthy, S.Marimuthu, **A. Naveen Sait**, "Flow shop scheduling with lot streaming using Differential Evolution algorithm to minimize makespan and total flow time", National conference on Emerging Trends in Mechanical Engineering (ETME2012), Page No.31, Apr 2-3, 2012, Paper No.09 ME04.

Details of Workshops/FDP programmes attended:

1. Attended One day workshop on "Non-Conventional Energy Resources" Conducted by RVS College of Engineering and Technology, Dindugul on 09-03-2002.
2. Attended Two day Orientation Programme on "Orientation Programme for Placement Officers" Conducted by College of Engineering, Guindy (Anna University), Chennai on 23-01-2003 & 24-01-2003.
3. Attended One week FDP on "Professional Ethics" Conducted by College of Engineering, Guindy (Anna University), Chennai from 19-07-2004 to 24-07-2004.
4. Attended Two day Orientation Programme on "Orientation Programme for Placement Officers" Conducted by College of Engineering, Guindy (Anna University), Chennai on 05-05-2005 & 06-05-2005.
5. Attended Two day workshop on "Computer Aided Manufacturing" Conducted by Department of Production Engineering, National Institute of Technology, Tiruchirappalli on 02-12-2005 & 03-12-2005.
6. Attended Two day workshop on "Recent Trends in Manufacturing & Materials" Conducted by Department of Production Engineering, National Institute of Technology, Tiruchirappalli on 06-01-2006 & 07-01-2006.
7. Attended Two day workshop on "Recent Trends in Supply Chain Management" Conducted by Department of Production Engineering, National Institute of Technology, Tiruchirappalli on 26-05-2006 & 27-05-2006.
8. Attended Two day workshop on "Finite Element Analysis of Welding Processes" Conducted by Department of Production Engineering, National Institute of Technology, and Tiruchirappalli on 24-01-2008 & 25-01-2008.

9. Attended Three day workshop on "Metal Forming and Powder Metallurgy" Conducted by Department of Production Engineering, National Institute of Technology, Tiruchirappalli from 28-01-2008 to 30-01-2008.
10. Attended one week short term programme on "Advanced tools and techniques for research in engineering problems" Conducted by Department of Production Engineering, National Institute of Technology, Tiruchirappalli from 25-02-2008 to 29-02-2008.
11. Attended one week short term programme on "Recent trends in Advanced Manufacturing" Conducted by Department of Production Engineering, National Institute of Technology, Tiruchirappalli from 18-03-2008 to 22-03-2008.
12. Attended two week short term programme on "Advances in Materials Processing" Conducted by Department of Production Engineering, National Institute of Technology, Tiruchirappalli from 30-06-2008 to 12-07-2008.
13. Attended One day workshop on "Siemens Centre of Excellence in Manufacturing for South-TamilNadu" Conducted by Siemens & Department of Production Engineering, National Institute of Technology, Tiruchirappalli on 20-02-2016.
14. Attended One day workshop on "Intellectual Property Rights 2016 (IPR 2016)" Conducted by Centre for Intellectual Property Rights (CIPR), College of Engineering, Anna University, Chennai on 26-04-2016.
15. Attended TEQIP-II sponsored short term course on "Advanced Materials Processing in Past, Present and Future" organized by Department of Production Engineering, National Institute of Technology, Tiruchirappalli from 30th June to 2nd July 2016.
16. Attended TEQIP-II sponsored workshop on "Current Challenges in Manufacturing – Leading to Innovation" organized by Department of Production Engineering, National Institute of Technology, Tiruchirappalli from 19th December to 24th December 2016.