

Publications Summary

Sl. No.	Description	Total Numbers
1	International Journals	09
2	International Conferences Journals	15
3	National Conferences Journals	08
4	Workshops	08
5	Faculty Development Program	06
6	Training Program	05
7	Seminar Participation	01
8	Program Organised	04

International Journals Published

1. **Jeevamalar.J** and Hari Narayanan.G (2011), “*OTEC- Ocean Thermal Energy conversion*”, CiiT International Journal of Artificial Intelligent Systems and Machine Learning, Vol. 3, No 9, pp. 624-627.
2. Krishnamohan.S and **Jeevamalar.J** (2011), “*Optimization of Friction Stir Process Parameters to Enhance Sensitization Resistance of Ferritic Stainless Steel Joints*”, CiiT International Journal of Artificial Intelligent Systems and Machine Learning, Print: ISSN 0974-9667 & Online: ISSN 0974-9543.
3. **Jeevamalar.J** (2011), “*Autonomous Robot Path Planning Using a Genetic Algorithm*”, CiiT International Journal of Automation and Autonomous System, Print: ISSN 0974-9659 & Online: ISSN 0974-9551.
4. **Jeevamalar.J** (2011), “*Optimal Manipulator Path Planning with Obstacles Using Disjunctive Programming*”, CiiT International Journal of Fuzzy Systems, DOI: Print: ISSN 0974-9721 & Online: ISSN 0974-9608.
5. **J.Jeevamalar** and Dr.S.Ramabalan (2015), “*A Review on Die Sinking EDM Process Parameters*”, International Journal of Mechanical and Robotics Research, ISSN: 2278 – 0149, Vol. 4, No. 1, pp. 315-326.
6. **J.Jeevamalar** and Dr.S.Ramabalan (2015), “*Influence of EDM Process Parameters on Material Removal Rate*”, International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 10, Number 6, pp. 14041-14051.
7. **J.Jeevamalar** and Dr.S.Ramabalan (2015), “*Supporting the Environment using Green Homes*”, International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 10, Number 51, pp. 808-812.

8. **J.Jeevamalar** and Dr.S.Ramabalan (2015), "*A Review on EDM Process Parameters*", International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 10, Number 51, pp. 840-846.
9. **J.Jeevamalar** and Dr.S.Ramabalan (2015), "*Influence of EDM Process Parameters on Tool Wear*", International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 10, Number 51, pp. 847-851.

International Conferences Journals

1. Rajesh.M, **Jeevamalar.J** and Dr.Jancirani.J (2012), "*Active Noise Reduction of Automotive HVAC System Using Filtered LMS (Part-1 Sound Measurement)*", IEEE-Explore, ISBN: 978-81-909042-2-3, pp 204-205.
2. **Jeevamalar.J** and Dr. Ramabalan.S (2012), "*Optimal Trajectory Planning of Autonomous Robots-A Review*", IEEE-Explore, ISBN: 978-81-909042-2-3, pp 269-275.
3. Jeyanthi.S, **Jeevamalar.J** and Dr.Jancirani.J (2012), "*Influence of Natural Fibers in Recycling of Thermoplastics for Automotive components*", IEEE-Explore, ISBN: 978-81-909042-2-3, pp 211-214.
4. Prabu.K, Dr.Jancirani.J and **Jeevamalar.J** (2012), "*Development of an Actively Controlled Vehicle suspension for Passenger Vehicles*", IEEE-Explore, ISBN: 978-81-909042-2-3, pp 206-210.
5. **Jeevamalar.J** (2013), "*Optimization of Draw Die Design by Using FE Analysis*", IEEE-International Conference on Research and Development Prospects on Engineering and Technology (IEEE-ICIRDPET–2013), ISBN: 978-1-4673-4948, pp 161-166.
6. **Jeevamalar.J**, Dr. Ramabalan.S and Dr. Sivashanmugam.N (2014), "*Influence of EDM Process Parameters on Material Removal*", International Conference on Innovative Research in Engineering and Technology (ICIRET– 2014) at E.G.S. Pillay Engineering College, Nagapattinam from 2nd and 3rd May, ISBN : 978-81-924031-1-3.
7. **Jeevamalar.J**, Dr. Ramabalan.S and Dr. Sivashanmugam.N (2014), "*A Review on Die Sinking EDM Process Parameters*", International Conference on Innovative Research in Engineering and Technology (ICIRET– 2014) at E.G.S. Pillay Engineering College, Nagapattinam from 2nd and 3rd May, ISBN : 978-81-924031-1-3.
8. Dr.S.Ramabalan, B. Ramanathan, R. Aurn Kumar and **J.Jeevmalar** (2014), "*Investigation of Microstructure on Inconel 718 Using TIG Welding*", International Conference on Innovative Research in Engineering and Technology (ICIRET– 2014) at E.G.S. Pillay Engineering College, Nagapattinam from 2nd and 3rd May, ISBN : 978-81-924031-1-3.
9. **J.Jeevamalar**, A. Sakthivel, B.Ramanathan and T.Arun (2014), "*Optimization and Analysis of Process Parameters of Inconel718 by Using EDM Machining Process*", International Conference on Innovative Research in Engineering and Technology

(ICIRET– 2014) at E.G.S. Pillay Engineering College, Nagapattinam from 2nd and 3rd May, ISBN : 978-81-924031-1-3.

10. **J.Jeevamalar** and Dr. S. Ramabalan (2015), “*Die Sinking EDM Process Parameters A Review*”, International Conference on Advances in Materials and Mechanical Engineering 2015 at E.G.S. Pillay Engineering College, Nagapattinam from 8th & 9th May 2015, ISBN : 978-93-84893-23-1.
11. **J.Jeevamalar** and Dr. S. Ramabalan (2015), “*Effectiveness of EDM Process Parameters on Material Removal Rate*”, International Conference on Advances in Materials and Mechanical Engineering 2015 at E.G.S. Pillay Engineering College, Nagapattinam from 8th & 9th May 2015, ISBN : 978-93-84893-23-1.
12. **J.Jeevamalar** and Dr. S. Ramabalan (2015), “*Optimization of EDM Process Parameters using Taguchi Method*”, International Conference on Advances in Materials and Mechanical Engineering 2015 at E.G.S. Pillay Engineering College, Nagapattinam from 08th & 9th May 2015, ISBN : 978-93-84893-23-1.
13. **J.Jeevamalar** and Dr. S. Ramabalan (2015), “*Effects of Process Parameters on Surface Roughness*”, International Conference on Advances in Materials and Mechanical Engineering 2015 at E.G.S. Pillay Engineering College, Nagapattinam from 8th & 9th May 2015, ISBN : 978-93-84893-23-1.
14. R. Vigneshwar, E. Vijayaraghavan and **J.Jeevamalar** (2015), “*Finite Element Modelling and Analysis of Human Foot*”, International Conference on Advances in Materials and Mechanical Engineering 2015 at E.G.S. Pillay Engineering College, Nagapattinam from 8th & 9th May 2015, ISBN : 978-93-84893-23-1.
15. A. Dimil Alexander, K. Sundarajan and **J.Jeevamalar** (2015), “*Design and Analysis of The Internal Wing Aircraft (IWA) by using CFD*”, International Conference on Advances in Materials and Mechanical Engineering 2015 at E.G.S. Pillay Engineering College, Nagapattinam from 8th & 9th May 2015, ISBN : 978-93-84893-23-1.

National Conferences Journals

1. **Jeevamalar.J** (1999), “*Modernization in Pollution control*”, National Conference on Chemfluence 99, Anna University-Guindy, Chennai on 27-05-1999.
2. **Jeevamalar.J** and Dr. Harris Samuel (2006), “*Optimization of Draw Die Design*”, National Conference on Recent Trends in Manufacturing and Thermal Engineering – NCRTMT 06, Thanthai Periyar Govt. Institute of Technology, Vellore on 11-04-2006.
3. **Jeevamalar. J** and Alex Anandraj.A (2011), “*Sustaining the Environment using Green Homes*”, National Conference on Energy & sustainability organised by the Ministry of New and Renewable Energy at Roever Engineering College, Perambalur on 25-04-2011 to 26-04-2011.

4. Ramanathan.S and **Jeevamalar.J** (2014), “*Investigation on Characteristics of Inconel 718 Using TIG welding*”, National conference on Latest Investigations in Mechanical Engineering (LIME – 014) on 28-02-2014.
5. Sakthivel.A and **Jeevamalar.J** (2014), “*Optimization and analysis of Process Parameters on Inconel 718 by Using EDM Machining Process*”, National Conference on Advances in Mechanical Engineering at on 26-03-2014.
6. **J.Jeevamalar** (2015), “*Design and Analysis of Stress Reduction in Spur Gear*”, National Conference on Emerging Innovations in Mechanical Engineering at E.G.S. Pillay Engineering College, Nagapattinam held on 27-03-2015.
7. **J.Jeevamalar** (2015), “*Design and Material Optimization of IC Engine Piston by using Ansys*”, National Conference on Emerging Innovations in Mechanical Engineering at E.G.S. Pillay Engineering College, Nagapattinam held on 27-03-2015.
8. **J.Jeevamalar** (2015), “*Optimization of EDM Process Parameters for Aerospace Materials*”, National Conference on Emerging Innovations in Mechanical Engineering at E.G.S. Pillay Engineering College, Nagapattinam held on 27-03-2015.

Workshops Attended:

1. Participated in One Day National Workshop on “***Graphical Design for Engineering Application Using LABVIEW***” held at E.G.S. Pillay Engineering College, Nagapattinam, on 20-08-2011.
2. Participated in UGC sponsored Two Days National Workshop on “***Advances in Air Pollution Control Technologies***” held at Annamalai University, Chidambaram, during 28-02-2012 and 29-02-2012.
3. Participated in UGC sponsored Two Days National Workshop on “***Advances in Thermal Analysis of Materials (ATM-2012)***” held at Annamalai University, Chidambaram, during 16-03-2012 and 17-03-2012.
4. Participated in Two Days Workshop on “***Rapid prototyping and Tooling Techniques***” held at NIT-Trichy, during 08-03-2013 and 09-03-2013.
5. Participated in One Day Workshop on “***IC Engines***” held at Velammal Engineering College, Chennai on 31-08-2013.
6. Participated in One Day National workshop on “***Application of Modelling & Simulation to Practical Fields of Mechanical Engineering***” held at E.G.S. Pillay Engineering College, Nagapattinam, on 12-12-2014.
7. Participated in one day workshop on “***Teaching and Research Methodologies***” held at Perunthalaivar Kamarajar Institute of Engineering and Technology, Karaikal, 31-01-2015.

8. Participated in RUSA sponsored one day workshop on “**Accreditation, Standards, and Management in Higher Education**” held at Perunthalaivar Kamarajar Institute of Engineering and Technology, Karaikal, on 17-10-2015.

FDP Attended:

1. Participated in AICTE Sponsored two weeks Staff Development Program on “**Advances in Research and Development of Autonomous Robots**” at E.G.S. Pillay Engineering College, Nagapattinam from 07-05-2012 to 18-05-2012.
2. Participated in AICTE Sponsored two weeks Staff Development Program on “**New Research Tools for Evolutionary Robotics**” at E.G.S. Pillay Engineering College, Nagapattinam from 13-05-2013 to 26-05-2013.
3. Participated in one Day Staff Development Program on “**Website Creation**” organised by Department of Management Studies, at E.G.S. Pillay Engineering College, Nagapattinam held on 28-03-2014.
4. Participated in Anna University Sponsored Seven Days Faculty Development Program on “**ME2301-Thermal Engineering**” at University College of Engineering, Pattukkottai Campus from 23-06-2014 to 29-06-2014.
5. Participated in one day Faculty Development Program on “**Financial Assistance for Doing Research and Guidelines for Research Paper Writing**” at E.G.S. Pillay Engineering College, Nagapattinam held on 10-01-2015.
6. Participated in one week Faculty Training Program on “**CS2402-Mobile and Pervasive Computing**” at E.G.S. Pillay Engineering College, Nagapattinam held from 11-05-2015 to 17-05-2015.

Training Programs Participation:

1. Attended a Three weeks short term training program on “**Simulation Using Ansys & Hypermesh**” from 26-12-2005 to 16-01-2006 Organised by CIPET, Guindy, Chennai.
2. Attended a Two Days Short term course on “**Engineering Optimization and Approaches**” organized by NIT, Trichy from 24-08-2012 to 25-08-2012.
3. Attended a one day Practicum “**Diploma Program in Industrial Safety Management Studies**” organised by "NIOS Fire & Safety Management Studies at E.G.S. Pillay Engineering College, Nagapattinam from October 2013 to December 2013.
4. Attended three days Practicum on “**Fortification of Communicative Proficiency**”, organized by Dept. of Science and Humanities in association with SHINE Communicative English held at E.G.S. Pillay Engineering College, Nagapattinam from 12-05-2014 to 14-05-2014.
5. Attended an ISTE sponsored five days short term training program on “**Trends and Issues in Modelling and Design of Digital Systems**” Organised by Annamalai University, from 22-06-2015 to 26-06-2015.

Seminar Participation:

1. Participated in a Technical Seminar on “***Prospects of Power Plants in Engineering Life (PROPEL)***”, organized by Institute of Engineers (India)-Students and Staff Chapter at E.G.S. Pillay Engineering College, Nagapattinam held on 21-01-2015.

Program Organised

1. Conducted a one day preconference workshop on “***Build Your Own Embedded System Using Graphical system Design Platform (BES)***”, at E.G.S. Pillay Engineering College, Nagapattinam on 28-03-2013.
2. Conducted a One Day workshop on “***Financial Assistance for Doing Research and Guidelines for Research Paper Writing***” at E.G.S. Pillay Engineering College, Nagapattinam held on 10-01-2015.
3. Conducted a One Day Guest Lecture Program on “***Dynamic Analysis using Finite Element Method***” at E.G.S. Pillay Engineering College, Nagapattinam on 14-03-2015.
4. Conducted a Two Days International Conference on “***Advances in Materials and Mechanical Engineering 2015***” at E.G.S. Pillay Engineering College, Nagapattinam from 08-05-2015 to 09-05-2015.