




## Department of Mechanical Engineering

### Personal Details

<b>Name :</b>	Mr.G.ANANTH.	
<b>Designation :</b>	ASSISTANT PROFESSOR	
<b>Educational Qualification :</b>	B.E. (MECH.), M.E. (PRODN.)	
<b>Experience:</b>	22 years and 6 months	
<b>Area of Specialization :</b>	PRODUCTION ENGINEERING	
<b>Date of Joining :</b>	27/09/1999	
<b>Email ID :</b>	<a href="mailto:ananthg.mech@valliammai.co.in">ananthg.mech@valliammai.co.in</a>	
<b>Contact Numbers :</b>	9443984385,044-27454574	

### Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	MECHANICAL	BANGALORE	1996
2	M.E.	PRODUCTION	ANNAMALAI	1997

### Professional Society Memberships

1. Indian Society of Technical Education: Life Member ISTE
2. Member MIAENG
3. Member ISCA

### Publication Details

#### Journals:

[1] G.Ananth and Dr.B.K.Vinayagam, "Cost and Time Saving Simplified Total Productive Maintenance Performance Assessment in Tiny Manufacturing Industries of India" International Journal of Applied Business and Economic Research, Serials Publications, 2015. **(Accepted, SCOPUS-SNIP 0.021, SJR 0.107)**

[2] G.Ananth and Dr.B.K.Vinayagam, "Development of Simplified Total Productive Maintenance System for Tiny Industries and Its Implementation," International Journal of Applied Engineering Research, Research India Publications , 2015, Vol.10 No.11,2015, pp29485-29503 **(SCOPUS-SNIP 0.166, SJR 0.130)**

[3] G.Ananth and Dr.B.K.Vinayagam, „Effectiveness Improvement through Total Productive Maintenance Using Particle Swarm Optimization Model for Small and Micro Manufacturing Enterprises'-International Journal of productivity and Quality management –Inderscience, UK, Vol.16,No.4, 2015,pp 473-503 **(SCOPUS-SNIP 0.636, SJR 0.332)**

[4] G.Ananth and Dr.B.K.Vinayagam, „A Study on the PSO Model Based Fast Track Total Productive Maintenance for Small and Tiny Enterprises,- International Review of Mechanical Engineering, Vol.8 N.5,2014, pp 941-947. **( SCOPUS-SNIP 0.637, SJR 0.244)**

[5] G.Ananth and Dr.B.K.Vinayagam, „A study on the PSO model based quick total productive maintenance for small and tiny enterprises'- Journal of Theoretical and Applied Information Technology. Vol.70, Dec 2014, pp186-195 **(SCOPUS-SNIP 0.665, SJR 0.193)**

[6] G.Ananth and Dr.B.K.Vinayagam, "A genetic algorithm based total productive maintenance model in comparison with neural networks for small and tiny enterprises, " in International review on modeling and

*simulations, Vol. 6, N.1, Praise Worthy Prize S.r.l. Naples, Italy, 2013, pp. 181-188. (SCOPUS-SNIP 1.287, SJR 0.297)*

**[7]** *G.Ananth and Dr.B.K.Vinayagam, "Implementation and fall of tpm in micro manufacturing industries using swot analysis-a review, " in International Journal of Engineering and Innovative Technology, Volume 1, Issue 4, April 2012, pp.109-113. (ISSN: 2277-3754)*

**Conferences:**

**1.** *G.Ananth and Dr.B.K.Vinayagam, " A review on implementation and fall of tpm in tiny manufacturing enterprises based on swot analysis, " in Proceedings of National Conference ERA2011, pp.39-43.*

**2.** *G.Ananth and Dr.B.K.Vinayagam, "Implementation and fall of TPM in micro manufacturing industries using SWOT analysis-a review, " in Proceedings of Two Day National Conference on Recent Trends in Civil & Mechanical Engineering, Organised by: Dept.of Civil & Mechanical Engg., Anna University of Technology Tiruchirappalli, Tiruchirappalli - 620024. 8<sup>th</sup>& 9<sup>th</sup>april, 2011, pp.128-130.*

**3.** *G.Ananth and K.Giftson Jeba Raj, " Prediction of EDM Parameter for Aluminium Composite Material Using Mathematical Model at ICTETSHAM"15.*

### Other Particulars

1. No. of Books Published:1
2. No. of STTP/FDP coordinated:2
3. Organized National Conference: ETME'22
4. Program Officer of Youth Red Cross