Dr. Ram Subbiah (ID-1289)

Qualification:

UG - B.E/ Mechatronics Engineering (Anna University) (April 2007),

PG - M.Tech/ Computer Integrated Manufacturing

(SRM University) (April 2009)

Ph.D – Surface Hardening (Singhania University) (December 2013)

Experience: 8+ years

Research Interest: Surface Hardening / Mechatronics Engineering

Journal Publications/Conference Proceedings/ FDP (last 3 years):

International Journals:

1. **Ram. Subbiah**, Dr.R.Rajavel. (2014), "Salt Bath Nitriding on 316LN Austenitic Stainless Steel Material", Australian Journal of Basic and Applied Sciences, pp 188-192 – **Impact Factor: 0.162**

2. **Ram.Subbiah**, S.Satheesh, Shoan C.Sunny, G.Kishore, K.Fahad, Dr.R.Rajavel. (2014), "Assessment of Properties on 316LN Austenitic Stainless Steel Material under Low Temperature Liquid Nitriding Process", International Journal of Innovative Engineering and Exploring Research, Vol.3, pp 69-71 **– Impact Factor: 1.00**

3. **Ram.Subbiah**, S.Satheesh, Shoan C.Sunny, G.Kishore, K.Fahad, Dr.R.Rajavel. (2014), "Effect of Nitrogen on Stainless Steel Material at Low Temperature Salt Bath Solution Applicable to Ship Propeller Blades**",** International Journal of Recent Technology and Engineering, Volume-3, March 2014 **– Impact Factor: 1.00**

4. **Ram. Subbiah**, P. Karthick, R.Manjunath, T. Prasanth, R. Ilavarasan, Dr.R. Rajavel, (2014), "Experimental Investigation on Hardness of Gas Implanted AISI 316LN Austenitic Stainless Steel", International journal of Inventive Engineering and Sciences, Volume-2, Issue-3, pp 51-55 – **Impact Factor: 1.00**

5. **Ram. Subbiah**, P. Karthick, R.Manjunath, T. Prasanth, R. Ilavarasan, Dr.R. Rajavel, (2014), "Effect of Nitrogen on Low Temperature Nitrided Stainless Steels for Steam Turbine Blades", International Journal of Recent Technology and Engineering, Volume-3, March 2014 – **Impact Factor: 1.00**

International Conferences:

1. R.Ganesh, Ram Subbiah "Dry Sliding Wear Behavior Of Powder Metallurgy Aluminum Matrix Composite" International Conference on Material Processing and Characterization ICMPC - 2015, March14-15, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, Elsevier - Materials Today Proceedings.

2. S.Surendarnath, Ram Subbiah "Finite Element Simulation Of Pure Aluminum Processed By Ecap Using New Die Design " International Conference on Material Processing and Characterization ICMPC - 2016, March12-13, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, Elsevier - Materials Today Proceedings.

3. Ram subbiah, S.Surendarnath, R.Rajavel "Wear behavior on 316LN Austenitic Stainless Steel Material by Liquid Nitriding Process" International Conference on Material Processing and Characterization ICMPC - 2016, March12-13, Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, Elsevier - Materials Today Proceedings.

National Conferences:

1. **Dr.Ram.Subbiah** (2014), " Brain Controlled Interfaces – Leg Movement Restoration Using EEG Signal", National Conference on Advances and Innovations in Civil and Mechanical Engineering – AICME 2014, Vel Tech High Tech Engineering College, Chennai on 23rd August, 2014.

2. **Dr.Ram.Subbiah** (2014), " Brain Controlled Interfaces – Actuation of Pro-Asthetic ARM Using EEG Signal", National Conference on Advances and Innovations in Civil and Mechanical Engineering – AICME 2014, Vel Tech High Tech Engineering College, Chennai on 23rd August, 2014.

3. **Dr.Ram.Subbiah** (2014), " Orientation Dependence of Nitrogen Super Saturation in 316LN Austenitic Stainless Steel using Low Temperature Plasma Nitriding Processes", National Conference on Advances in Materials – AIM 2014, Anna University, Nagercoil on 7th October, 2014.

4. **Dr.Ram.Subbiah** (2014), " Surface Properties of Nitrided Layer on AISI 316LN Austenitic Stainless Steel by Low Temperature Gas Nitriding in Short Time", National Conference on Advances in Materials – AIM 2014, Anna University, Nagercoil on 7th October, 2014.

5. **Dr.Ram.Subbiah** (2014), " Improvement of Hardness Properties by Solution Treatment in Nitrided Type 316LN Stainless Steel", National Conference on Advances in Materials – AIM 2014, Anna University, Nagercoil on 7th October, 2014.

6. **Dr.Ram.Subbiah** (2015), " Material Condition Tailored To Plasma Nitriding Process For Ensuring Wear Resistance Of Austenitic Stainless Steel", National Conference on Fast Emerging Trends in Engineering & Technology – NCOFEET – 2K15, Bharat Institute of Engineering & Technology, Nagercoil on 25 & 26th March, 2015.

7. **Dr.Ram.Subbiah** (2015), " Evaluation Of Salt Bath Nitriding On Austenitic Stainless Steel Specimens At Low Temperature", National Conference on Fast Emerging Trends in Engineering & Technology – NCOFEET – 2K15, Bharat Institute of Engineering & Technology, Nagercoil on 25 & 26th March, 2015.

8. **Dr.Ram.Subbiah** (2015), " Effect Of Case Hardening On AISI 316ln Austenitic Stainless Steel By Low Temperature Gas Nitriding Process ", National Conference on Fast Emerging Trends in Engineering & Technology – NCOFEET – 2K15, Bharat Institute of Engineering & Technology, Nagercoil on 25 & 26th March, 2015.

Faculty Development Program Undergone:

1. Dr.Ram.Subbiah (2015), Undergone a Faculty Development/ Training Program on E-Foundry laboratory at IIT, Munbai on 21 & 22 September 2015.

2. Dr.Ram.Subbiah (2015), Undergone a Faculty Development Program on Entrepreneurship at Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad from 26.3.2015 to 8.4.2015.

3. Dr.Ram.Subbiah (2015), Undergone a Faculty Development Program on Additive Manufacturing at Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad from 25.3.2015 to 27.3.2015.

4. Dr.Ram.Subbiah (2015), Undergone a Faculty Development Program on Computer Aided Product Design at SSN College of engineering, Chennai, from 16.6.2015 to 27.6.2015.