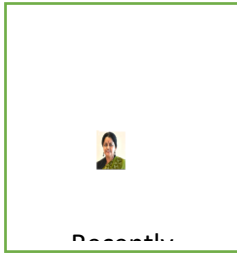


# Biosketch

## Faculty Name:



## Areas of Interest:

Ceramics, Composites, Welding, Nano-Manufacturing

## Education

- Ph.D., Indian Institute of Technology, Madras
- ME, Annamalai University Chidambaram
- BE, Bharathidasan University, Tiruchirappalli

## Academic/Industrial Experience

1. Professor, Mechanical Engineering, IIT Delhi, 2017-Present
2. Associate Professor, Mechanical Engineering, IIT Delhi, 2010-2016
3. Assistant Professor, Mechanical Engineering, IIT Delhi, 2006-2010
4. Postdoctoral Fellow, Tokyo Institute of Technology, Japan, 2002-2004

## Selected Publications

1. S Aravindan, R Krishnamurthy (1999), Joining of ceramic composites by microwave heating Materials Letters 38 (4), 245-249 (Citation-70, Impact factor-2.4)
2. M Yoshino, S Aravindan (2004), Nanosurface fabrication of hard brittle materials by structured tool imprinting, Transactions of the ASME-B-Journal of Manufacturing Science and Engineering 126, 4,760-765 (Citation 30, Impact factor-1.9)
3. P Sathiya, S Aravindan, A Noorul Haq (2007) Effect of friction welding parameters on mechanical and metallurgical properties of ferritic stainless steel, The International Journal of Advanced Manufacturing Technology 31 (11), 1076 -1082 ((Citation-70, Impact factor-1.7)
4. K Rajkumar, S Aravindan (2009), Microwave sintering of copper-graphite composites, Journal of Materials Processing Technology 209 (15), 5601-5605. (Citation-95, Impact factor-2.7)
5. Kannayiram Ponappa, Sivanandam Aravindan, P Venkateswara Rao (2012) Grinding of magnesium/Y2O3 metal matrix composites, Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture 226,10,1675-1683 (Citation 30, Impact factor-1.9)
6. A Goswami, S Aravindan, PV Rao, M Yoshino (2016) Structured Surfaces for Generation of Negative Index of Refraction Critical Reviews in Solid State and Materials Sciences,41,5,367-385 (Impact factor-5.5)

## Other Details: