

Members from other University / Institutions DC MEMBER DETAILS – 5		
Name with full address		Area of specialization
Name	Dr. VINOTH KUMAR M	Welding Metallurgy
Designation	Associate Professor	
Department	Mechanical Engineering	
Name of the Organization/Institution	Hindustan Institute of Technology and Science	
Place	Padur,Chennai	
Pincode	600016	
Whether affiliated to Anna University	NO	
Mobile	7871768763	
E-Mail	mvinothk@hindustanuniv.ac.in	

List of publications for last 5 years	
1.	Meharwal A, Kumar M, Karak SK, Majumdar JD, Manna I. High Temperature Oxidation Study of Nano-Y ₂ O ₃ Dispersed Ferritic Alloys Synthesized by Mechanical Alloying and Sintering. Metallurgical and Materials Transactions A. 2020 Oct;51(10):5257-67.
2.	Sivaraj P, Kumar MV, Balasubramanian V. Microstructural Characteristics and Tensile Properties of Linear Friction-Welded AA7075 Aluminum Alloy Joints. InAdvances in Materials and Metallurgy 2019 (pp. 467-476). Springer, Singapore.
3.	Kumar MV, Balasubramanian V. Hot tensile properties and constant load stress corrosion cracking test data of autogenous weld joints of super 304HCu stainless steel in boiling MgCl ₂ solution. Data in brief. 2018 Jun 1;18:102-10.
4.	M. Vinoth Kumar “Numerical simulation of flow through vaneless diffuser”, International Journal of Innovative Technology and Exploring Engineering, Vol. 8, No. 12, pp. 4195-4202, 2019
5.	M. Vinoth Kumar, “Synthesis and evaluation of polyurethane foam composites for enhanced sound absorption at low frequency”, International Journal of Recent Technology and Engineering, Vol. 8, No. 3, pp. 6815-6818, 2019.
6.	M. Vinoth Kumar, “Hot tensile properties and constant load stress corrosion cracking test data of autogenous weld joints of super 304HCu stainless steel in boiling MgCl ₂ solution”, Data in Brief, Vol. 8, pp. 102-110, 2018.
7.	M. Vinoth Kumar, “Effect of ethanol blends in spark ignition engine as an alternative”, International Journal of Mechanical and Production Engineering Research and Development, pp. 598-605, 2018.
8.	Kumar MV, Balasubramanian V, Rao AG. Hot tensile properties and strain hardening behaviour of Super 304HCu stainless steel. Journal of materials research and technology. 2017 Apr 1;6(2):116-22.

9.	M Vinoth Kumar, V Balasubramanian, A Gourav Rao EBSD Analysis and Hot Tensile Properties of Pulsed Current Gas Tungsten Arc Welded Super 304h Austenitic Stainless Steel Joints. Journal of Steel Structures & Construction 2:1 1-6 (2016)
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