DC Members - Affiliated to Anna University **DC MEMBER DETAILS - 1**		
Name with full address		**Area of specialization**
Name	: Dr.R.ASHOK KUMAR	Welding, Materials & Composites
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List of publications for last 5 years	
1.	R. Ashok kumar, R. Muneeswaran, M. Saravana Mohan, Sathish Rengarajan, G.R. Raghav, K.j. Nagarajan Effects of tool pin profile on tensile and wear behaviour of friction stir welded AA6101-T6 and AA1350 alloys Metallurgical research and technology .117,5,1-5
2.	G. Kasirajan, Sathish Rengarajan, R. Ashok kumar, G.R. Raghav, V.S. Rao, K.J. Nagarajan, Tensile and wear behaviour of friction stir welded AA5052 and AA6101-T6 aluminium alloys: effect of welding parameters, Metall. Res. Technol. 117, 405 (2020)
3.	R. Ashok kumar, G.R. Raghav, K.J. Nagarajan, Sathish Rengarajan, P. Suganthi, V. Vignesh, Effect of hybrid reinforcement at stirred zone of dissimilar aluminium alloys during friction stir welding, Metall. Res. Technol. 116, 631 (2019)
4.	R. Ashok Kumar and M. R. Thansekhar, Wear Behaviour of Friction Stir Welded Dissimilar Aluminium Alloys,Metallofiz. Noveishie Tekhnol., 41, No. 2: 203–211 (2019), DOI: 10.15407/mfint.41.02.0203.
5.	Vasanth R, Mohan K, Rengarajan S, Jayaprakash R, Kumar RA. Characterization and corrosion effects of Friction surfaced IS-2062 E250 CU with AA6063. Materials Research Express. 2019 Nov 29;6(12):126579.
6.	Ashok kumar, R., Thansekhar, M.R. Mechanical and wear properties of friction stir welded dissimilar AA6101-T6 and AA1350 alloys: Effect of offset distance and number of passes. *J Mech Sci Technol* **32,** 3299–3307 (2018). https://doi.org/10.1007/s12206-018-0632-8
7.	R.Ashok kumar, M.R. Thansekhar Reinforcement with alumina particles at the interface region of AA6101-T6 and AA1350 alloys during friction stir welding Materials Research Express 5 4 046521/2018
8.	Kumar RA, Thansekhar MR. Property evaluation of friction stir welded dissimilar metals: AA6101-T6 and AA1350 aluminium alloys. Materials Science. 2017 Jan 3;23(1):78-83.