

Sl. No.	Name with full address	Area of specialization
<b>Panel Member from other University/Institution</b>		
6.	Name : <b>Dr. K. C. Ganesh</b> Designation : Manager - CAE Department : R & D Address : AVTEC Limited, Hosur, Tamil Nadu 635114 Mobile : 9443728453 E-mail : ganesh.kc@avtec.in	Computational materials processing Weld structure integrity FEA

<b>List of Publications for last 5 years</b>	
1.	Chidambarathanu, G., Nair, V., and Stanis, S., "Structural Analysis of Belleville Spring Used in Automatic Shift Transmission Multi-Plate Wet Clutch for Off-Highway Application," SAE Technical Paper 2020-28-0491, 2020.
2.	Damodharan, D., Sathiyagnanam, A. P., Kumar, B. R., & Ganesh, K. C. (2018). Cleaner emissions from a DI diesel engine fueled with waste plastic oil derived from municipal solid waste under the influence of n-pentanol addition, cold EGR, and injection timing. <i>Environmental Science and Pollution Research</i> , 25(14), 13611-13625.
3.	M.S. Starvin, K.C. Ganesh, M. Vasudevan, Numerical simulation of creep behaviour of 316LN stainless steel weld joint, Materials Today: Proceedings, Volume 5, Issue 2, Part 2, 2018, Pages 8193-8198
4.	Pandiyarajan, R., Maran, P., Marimuthu, S., & Ganesh, K. C. (2017). Synthesis and characterization of zirconium dioxide particulate reinforced aluminium alloy metal matrix composite.
5.	Pandiyarajan, R., Maran, P., Marimuthu, S., & Ganesh, K. C. (2017). Mechanical and tribological behavior of the metal matrix composite AA6061/ZrO 2/C. <i>Journal of Mechanical Science and Technology</i> , 31(10), 4711-4717.
6.	J. Rajakumar, M. Sheik Ibrahim Bathusa, N. Pothivel Rajan, K. Sulaiman, A. Simon Christopher, K. C. Ganesh. Numerical Investigation of Heat Transfer Behaviour During TIG Welding of Stainless Steel Pipes for Various Welding Heat Input Conditions. <i>American Journal of Mechanical and Industrial Engineering</i> . Vol. 2, No. 3, 2017, pp. 117-126. doi: 10.11648/j.ajmie.20170203.11
7.	Starvin, M. S., Ganesh, K. C., & Pandiyarajan, R. (2017). Correlation of fracture parameters during onset of crack in middle tension specimen. <i>Journal of Computational Design and Engineering</i> , 4(3), 169-177.
8.	K. Ganesh, M. Vasudevan, K. Balasubramanian, P. Vasantharaja, and N. Chandrasekhar, "Thermo-Mechanical Analysis of Activated Tungsten Inert Gas Welding (A-TIG) of Type 316LN Stainless Steel Thin Plates," <i>Materials Performance and Characterization</i> 7, no. 1 (2018): 160-177. <a href="https://doi.org/10.1520/MPC20170143">https://doi.org/10.1520/MPC20170143</a>
9.	Dev, G., Livingston, P., Shunmuganathan, M., Surendar, R., Subramanian, A., Christopher, A., & Ganesh, K. (2016). Analysis of 6061 aluminum alloy sheet metal bending process for various thickness using finite element modelling. <i>Int. J. Theor. Appl. Math</i> , 2, 93-99.
10.	Pamnani, R., Vasudevan, M., Jayakumar, T., Vasantharaja, P., & Ganesh, K. C. (2016). Numerical simulation and experimental validation of arc welding of DMR-249A steel. <i>Defence Technology</i> , 12(4), 305-315.
11.	Kumar, J. P. N., Kumar, S. J., Jeyathilak, R. S., Venkatesh, M., Christopher, A. S., & Ganesh, K. C. (2017). Effect of design parameters on the static mechanical behaviour of metal bellows using design of experiment and finite element analysis. <i>International Journal on Interactive Design and Manufacturing (IJIDeM)</i> , 11(3), 535-545.
12.	Ganesh, K. C., Balasubramanian, K. R., Vasudevan, M., Vasantharaja, P., & Chandrasekhar, N. (2016). Effect of multipass TIG and activated TIG welding process on the thermo-mechanical behavior of 316LN stainless steel weld joints. <i>Metallurgical and Materials Transactions B</i> , 47(2), 1347-1362.

13.	Chukkan, J. R., Vasudevan, M., Muthukumaran, S., Ganesh, K. C., Kumar, R., Murugan, S., & Maduraimuth, V. (2014). Numerical Simulation of Pulsed Nd-YAG Laser butt welding of AISI 304L Stainless Steel Sheet and Experimental Validation. In <i>Applied Mechanics and Materials</i> (Vol. 592, pp. 565-570). Trans Tech Publications Ltd.
14.	Narayanareddy, V. V., Vasudevan, M., Muthukumaran, S., Ganesh, K. C., Chandrasekhar, N., & Vasantaraja, P. (2014). Finite Element Modeling of TIG Welding of Aisi 304l Stainless Steel and Experimental Validation. In <i>Applied Mechanics and Materials</i> (Vol. 592, pp. 368-373). Trans Tech Publications Ltd.

Centre for Research