

Publications

(A) Refereed Research Journals:

Author (s)	Title of the paper	Journal	Vol. No.	Page No.	Year	Impact Factor
Arjun Ramesh and <b>V. Satheeshkumar</b>	Formability of Metal Foam Cored Sandwich Steel Sheets	Materials Today: Proceedings	In Press	-	2018	-
Sandeep V and <b>Satheeshkumar V</b>	Formability of asphalt assisted adhesive bonded steel sheets	Materials Today: Proceedings	In Press	-	2018	-
<b>Satheeshkumar V</b> , Ganesh Narayanan R, Deepak Sharma	Prediction of formability of adhesive bonded sheets through neural network	International Journal of Mechatronics and Manufacturing Systems	10(4)	321-354	2017	-
<b>Satheeshkumar V</b> , Ganesh Narayanan R	Predicting the deep drawing behaviour of adhesive bonded sheets using equivalent geometrical heterogeneities	International Journal of Computational Materials Science and Engineering	06	1750018-1750033	2017	-
<b>Satheeshkumar V</b> , Ganesh Narayanan R	Predicting the tensile behaviour of adhesive bonded sheets using equivalent geometrical heterogeneities	International Journal of Material Forming	9(5)	663–675	2016	1.978
<b>Satheeshkumar V</b> , Ganesh Narayanan R	Experimental evaluation and prediction of formability of adhesive bonded steel sheets at different adhesive	Journal of Testing and Evaluation	44 (3)	1–13	2016	0.389

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<b>Satheeshkumar V,</b> Ganesh Narayanan R	Forming performance of adhesive bonded steel sheets reinforced with metallic wires	Welding in the World - The International Journal of Materials Joining	59(6)	883-900	2015	0.948
<b>Satheeshkumar V,</b> Ganesh Narayanan R	Experimental evaluation and prediction of deep drawability of adhesive bonded blanks	Materialwissenschaft und Werkstofftechnik (Materials Science and Technology)	46(7)	713-735	2015	0.524
<b>Satheeshkumar V,</b> Ganesh Narayanan R	Prediction of formability of adhesive bonded steel sheets and experimental validation	Archives of Civil and Mechanical Engineering	15(1)	31-40	2015	2.216
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Thomas Renald C.J., Satheeshkumar V	Investigation of the LPG induction jet angle with injector nozzle angle in a dual fuel diesel engine using CFD technique	SAE International	doi: 10.4271/2009-28-0040	-	2009	-

(B) Conferences/Workshops/Symposia Proceedings

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Sai Aditya G, <b>Satheeshkumar V</b>	Influence of filler material properties on adhesive towards sustainable manufacturing processes	Proceedings of 4th International conference on Production and Industrial Engineering, CPIE-2016	Paper ID: CPIE-2016_333 (1-5)	Production and Industrial Engineering	Dr.B.R. Ambedkar National Institute of Technology Jalandhar, India	2016
Pragatheswaran T, <b>Satheeshkumar V</b>	Metal powder reinforcement in friction stir welded blanks towards improvement in mechanical properties	Proceedings of 4th International conference on Production and Industrial Engineering, CPIE-2016	Paper ID: CPIE-2016_334, (1-7)	Production and Industrial Engineering	Dr.B.R. Ambedkar National Institute of Technology Jalandhar, India	2016
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	on Al-Li 2090 alloy material in CNC Turning Operation	conference on Recent Advances in Mechanical Engineering		Engineering	Tamil Nadu, India	
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(C) Books & Monographs

Author(s)	Title of Book/Monograph	Name of Publishers	Year of Publication	ISSN/ISBN Number
<b>Satheeshkumar V</b> , Ganesh Narayanan R	Chapter 12, Mechanical Joining Processes, Sustainable Material Forming and Joining	Taylor and Francis	2018	In Press
<b>Satheeshkumar V</b> , Ganesh Narayanan R	Chapter 13, Hybrid Joining Processes, Sustainable Material Forming and Joining	Taylor and Francis	2018	In Press
<b>Satheeshkumar V</b> , Avinash Kumar Yadav, Ganesh Narayanan R	Chapter 4, Formability Prediction and Springback Evaluation of Adhesive-Bonded Steel Sheets, Advances in Material Forming and Joining	Springer India	2015	ISBN: 978-81-322-2355-9

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