## Publications

# (A) Refereed Research Journals:

Author (s)	Title of the paper	Journal	Vol. No.	Page No.	Year	Impact Factor
Arjun Ramesh and V. Satheeshkumar	Formability of Metal Foam Cored Sandwich Steel Sheets	Materials Today: Proceedings	In Press	-	2018	-
Sandeep V and Satheeshkumar V	Formability of asphalt assisted adhesive bonded steel sheets	Materials Today: Proceedings	In Press	-	2018	-
Satheeshkumar V, 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	-
Satheeshkumar V, 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	-
Satheeshkumar V, 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
Satheeshkumar V, 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

	properties					
Satheeshkumar V, 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
Satheeshkumar V, 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
Satheeshkumar V, 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
Satheeshkumar V, Ganesh Narayanan R	In-plane plane- strain formability of adhesive bonded steel sheets: Influence of adhesive properties	International Journal of Advanced Manufacturing Technology	76(5)	993-1009	2015	2.209
Satheeshkumar V, Ganesh Narayanan R	Formability of adhesive bonded steel sheets with artificial finite adhesive defects	Journal of Strain Analysis for Engineering Design	49(5)	286–300	2014	1.222
Satheeshkumar V, Ganesh Narayanan R	Investigation on the influence of adhesive properties on the formability of adhesive bonded steel sheets	Proc IMechE Part C: J Mechanical Engineering Science	228(3)	405–425	2014	1.015
V. Satheeshkumar, R. Ganesh Narayanan	Influence of pregenerated infinite adhesive defects on the forming behaviour of adhesive bonded steel sheets	Advanced Materials Research	939	328–335	2014	-

D. Doley, V. Satheeshkumar, R. Ganesh Narayanan  Thomas Renald, K.Sathiyalingam, V.Satheeshkumar, S.Shanavas, T.Govindasamy	Influence of wire reinforcement on the forming behaviour of adhesive bonded steel sheets  An alternate approach for geometrical construction of subsonic airfoil with numerical	Advanced Materials Research  Procedia Engineering	939	336–341 1758– 1763	2014	-
	with numerical					
K.Sathiyalingam, C.J.Thomas Renald, R.Manikandan, R.Sivakumar, T.Arun Kumar, S.Shanavas, V.Satheeshkumar	Prediction and measurement of pressure distribution over a compressor blade through a cascade studies	Procedia Engineering	38	2657– 2662	2012	-
V.Satheeshkumar, C.J.Thomas Renald, M.Thiagarajan, G.K. Sathiyamanoj	An optimal solution through lean manufacturing using value stream mapping towards efficient production for a world- class automobile brakes manufacturing company	SAE International	doi: 10.4271/2009- 28-0054	-	2009	-
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

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
Satheeshkumar V, Ganesh Narayanan R	Assessment of formability of adhesive bonded steel sheets by geometrical heterogeneities	Proceedings of International Conference on Advances in Materials and Manufacturing (ICAMM 2017)	9-14	Advances in Materials and Manufacturing	National Institute of Foundry and Forge Technology, Ranchi, India	2017
Sai Aditya G, Satheeshkumar V	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 of Institute of Technology Jalandhar, India	2016
Pragatheswaran T, Satheeshkumar V	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 of Institute of Technology Jalandhar, India	2016
Satheeshkumar V, Ganesh Narayanan R	Experimental evaluation of deep drawability of adhesive bonded steel sheets	Proceedings of 23 <sup>rd</sup> International conference on Processing and Fabrication of Advanced Materials	1026– 1032	Processing and Fabrication of Advanced Materials	IIT Roorkee, India	2014
V.Satheeshkumar, K.Karthikeyan, C.J.Thomas Renald, V.Jagadeesh, R.Silambarasan, C.Bhagyanathan	Evaluation of cell formation algorithms and implementation of MOD-SLC algorithm as an effective cellular manufacturing	Proceedings of International Conference on Advances in Mechanical Sciences (ICAMS)	179–187	Advances in Mechanical Sciences (ICAMS)	Vardhaman Engineering College, Andhra Pradesh, India	2014

Satheeshkumar V.,	system in a manufacturing industry Forming	Proceedings	Paper ID:	Advances in	Taipei,	2013
Ganesh Narayanan R	behaviour of adhesive bonded steel sheets: Influence of finite defects in the adhesive layer	International conference on Advances in Materials and	257	Materials and Processing Technologies	Taiwan	
Satheeshkumar V.,	Influence of pre-	Proceedings of 16 <sup>th</sup>	Paper ID:	Advances in	Taipei,	2013
Ganesh Narayanan R	generated infinite adhesive defects on the forming	International conference on Advances in	258	Materials and Processing Technologies	Taiwan	
	behaviour of	Materials and				
	adhesive bonded	Processing				
Doley D,	steel sheets Influence of	Technologies Proceedings	Paper ID:	Advances in	Taipei,	2013
Satheeshkumar V,	wire	of 16 <sup>th</sup>	359	Materials and	Taiwan	2013
Ganesh Narayanan R	reinforcement	International		Processing		
	on the forming behaviour of	conference on Advances in		Technologies		
	adhesive bonded	Materials and				
	steel sheets	Processing				
		Technologies				
Satheeshkumar V,	Experimental	Proceedings	508–513	Advances in	IIT	2012
Ganesh Narayanan R	investigation on the influence of	of International	(PART-II)	metal forming	Bombay, Mumbai,	
	adhesive	Deep drawing			India	
	properties on	Research				
	forming	Group				
	behaviour of adhesive bonded	(IDDRG) 2012				
	steel sheets	2012				
V.Jagadeesh,	Comparative	Proceedings	400–408	Recent	Noorul	2011
V.Satheeshkumar,	analysis and	of 2 <sup>nd</sup> National		Advances in	Islam	
M.Thiagarajan, C.J.Thomas Renald,	implementation of an efficient	Conference on		Mechanical	University, Tamil	
S.Arun	cellular	Recent Advances in		Engineering	Nadu, India	
5.7 H WII	manufacturing	Mechanical			1 tudu, mua	
	technique in a	Engineering				
	manufacturing					
	industry					

	T	Г		1	T	
C.J.Thomas Renald,	Analysis of	Proceedings	209–216	Recent	Noorul	2011
V.Satheeshkumar,	Karmann-Treffz	of 2 <sup>nd</sup> National		Advances in	Islam	
T.Govindasamy,	Airfoil	Conference on		Mechanical	University,	
S.Shanavas	Construction	Recent		Engineering	Tamil	
		Advances in			Nadu, India	
		Mechanical				
		Engineering				
M.Ravi Varma,	Experimental	Proceedings	392–399	Recent	Noorul	2011
M.Sibi Prasad,	investigation	of 2 <sup>nd</sup> National		Advances in	Islam	
S.Ranjith kumar,	and prediction	Conference on		Mechanical	University,	
P.A.Rangesh,	on effect of	Recent		Engineering	Tamil	
M.Thiagarajan,	power over flow	Advances in			Nadu, India	
V.Satheeshkumar,	velocity	Mechanical			,	
C.J.Thomas Renald	behaviour in the	Engineering				
	wind tunnel	88				
G.K.Sathiyamanoj,	An effective	Proceedings	719–725	Manufacturing	Andhra	2010
M.S.Bala Santhosh,	comparison of	of 3 <sup>rd</sup>	112 , 20	Technology	University	2010
V.Satheeshkumar,	cellular	International		reemiology	College of	
M.Thiagarajan,	manufacturing	and 24 <sup>th</sup> All			Engineering	
C.J.Thomas Renald,	techniques and	India			(A), Andhra	
P.Dineshbabu,	implementation	Manufacturing			Pradesh,	
K.Karthikeyan	in a	Technology,			India	
K.Karunkeyan	manufacturing	Design and			India	
	industry	Research				
	industry	Conference				
		(AIMTDR)				
V.Satheeshkumar,	Nanomaterials –	Proceedings	Vol.1,	Recent	Noorul	2010
C.J.Thomas Renald,	A Pessimistic	of I <sup>st</sup>	740–745	Advances in	Islam	2010
M.Thiagarajan,	Approach	International	710 713	Mechanical	University,	
G.K.Sathiyamanoj,	Tipprouen	conference on		Engineering	Tamil	
P.Dinesh Babu,		Recent		Engineering	Nadu, India	
K.Karthikeyan,		Advances in			Tradu, mara	
C.Bagyanathan		Mechanical				
C.Dagyanaman		Engineering				
C.J.Thomas Renald,	Experimental	Proceedings	Vol.2,	Recent	Noorul	2010
V.Satheeshkumar,	and numerical	of I <sup>st</sup>	195–200	Advances in	Islam	2010
K.Karthikeyan,	investigation of	International	175-200	Mechanical	University,	
M.Thiagarajan,	mixing of four	conference on		Engineering	Tamil	
P.Dineshbabu,	planar parallel	Recent		Liiginceinig	Nadu, India	
G.K.Sathiyamanoj	jets	Advances in			Tradu, Illula	
J.IX. Saulty attlatioj	Jeto	Mechanical				
		Engineering				
M Thisgaraign	3D digitizing	Proceedings	Vol.1,	Recent	Noorul	2010
M.Thiagarajan,		of I <sup>st</sup>			Islam	2010
P.Dineshbabu, M.Ramesh,	technique – A boon in reverse	International	132–138	Advances in Mechanical		
*					University, Tamil	
V.Satheeshkumar,	engineering with	conference on		Engineering		
C.J.Thomas Renald,	increase in	Recent			Nadu, India	

G.K.Sathiyamanoj, K.Karthikeyan,	accuracy	Advances in Mechanical				
N.Srimath		Engineering				
V.Satheeshkumar, M.Thiagarajan, C.J.Thomas Renald, R.Silambarasan, P.Dineshbabu, G.K.Sathiyamanoj	Cell formation algorithms – an effective implementation of cellular manufacturing system in a manufacturing industry	Proceedings of I <sup>st</sup> International conference on Recent Advances in Mechanical Engineering	Vol.1, 139–151	Recent Advances in Mechanical Engineering	Noorul Islam University, Tamil Nadu, India	2010
C.J.Thomas Renald, P.Somasundaram, V.Satheeshkumar, M.Ramesh	The feasibility of utilizing biodiesel with diesel fuel- an experimental investigation	Proceedings of I <sup>st</sup> International conference on Recent Advances in Mechanical Engineering	Vol.2, 55– 61	Recent Advances in Mechanical Engineering	Noorul Islam University, Tamil Nadu, India	2010
V.Satheeshkumar, C.J.Thomas Renald, B.Deepak Sivanandh, R.Poomagan	Investigation of surface roughness on Al-Li 8090 alloy CNC turned material	Proceedings of I <sup>st</sup> International conference on Recent Advances in Mechanical Engineering	Vol.1	Recent Advances in Mechanical Engineering	Noorul Islam University, Tamil Nadu, India	2010
S.Srinivasan, R.Devaraja Vignesh, P.Somasundaram, C.J.Thomas Renald, V.Satheeshkumar	Drag reduction in an automobile by conical cup attachment using CFD techniques	Proceedings of I <sup>st</sup> International conference on Recent Advances in Mechanical Engineering	Vol.2, 354–358	Recent Advances in Mechanical Engineering	Noorul Islam University, Tamil Nadu, India	2010
M.Rammohan, K.Padmanaban, M.Abbilash, C.J.Thomas Renald, V.Satheeshkumar	2-D CFD Analysis on a Convergent- Divergent nozzle used in light combat aircrafts	Proceedings of I <sup>st</sup> International conference on Recent Advances in Mechanical Engineering	Vol.2, 346–349	Recent Advances in Mechanical Engineering	Noorul Islam University, Tamil Nadu, India	2010
V.Satheeshkumar, C.Natarajan	Prediction of Surface Characteristics	Proceedings of I <sup>st</sup> International	Vol.1, 729–735	Recent Advances in Mechanical	Noorul Islam University,	2010

	1	1		I	1	1
	on Al-Li 2090	conference on		Engineering	Tamil	
	alloy material in	Recent			Nadu, India	
	CNC Turning	Advances in				
	Operation	Mechanical				
		Engineering				
C.J.Thomas Renald,	Comparison	Proceedings	Vol.2, 62–	Recent	Noorul	2010
P.Somasundaram,	study of	of I <sup>st</sup>	70	Advances in	Islam	
V.Satheeshkumar	secondary fuels	International		Mechanical	University,	
	by fixing the jet	conference on		Engineering	Tamil	
	angle in a dual	Recent			Nadu, India	
	fuelled CI	Advances in				
	engine by using	Mechanical				
	CFD techniques	Engineering				
S.Srinivasan,	Investigations	Proceedings	Vol.2,	Recent	Noorul	2010
R.Devaraja Vignesh,	on a	of I <sup>st</sup>	350–353	Advances in	Islam	
P.Somasundaram,	symmetrical	International		Mechanical	University,	
C.J.Thomas Renald,	airfoil at various	conference on		Engineering	Tamil	
V.Satheeshkumar	angles of attack	Recent			Nadu, India	
	by using CFD	Advances in				
	techniques	Mechanical				
		Engineering				

# (C) Books & Monographs

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

## **Publications**

# (A) Refereed Research Journals:

Author (s)	Title of the paper	Journal	Vol. No.	Page No.	Year	Impact Factor
Arjun Ramesh and V. Satheeshkumar	Formability of Metal Foam Cored Sandwich Steel Sheets	Materials Today: Proceedings	In Press	-	2018	1
Sandeep V and Satheeshkumar V	Formability of asphalt assisted adhesive bonded steel sheets	Materials Today: Proceedings	In Press	-	2018	
Satheeshkumar V, 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	•
Satheeshkumar V, 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	
Satheeshkumar V, 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
Satheeshkumar V, 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

	properties					
Satheeshkumar V, 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
Satheeshkumar V, 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
Satheeshkumar V, 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
Satheeshkumar V, Ganesh Narayanan R	In-plane plane- strain formability of adhesive bonded steel sheets: Influence of adhesive properties	International Journal of Advanced Manufacturing Technology	76(5)	993-1009	2015	2.209
Satheeshkumar V, Ganesh Narayanan R	Formability of adhesive bonded steel sheets with artificial finite adhesive defects	Journal of Strain Analysis for Engineering Design	49(5)	286–300	2014	1.222
Satheeshkumar V, Ganesh Narayanan R	Investigation on the influence of adhesive properties on the formability of adhesive bonded steel sheets	Proc IMechE Part C: J Mechanical Engineering Science	228(3)	405–425	2014	1.015
V. Satheeshkumar, R. Ganesh Narayanan	Influence of pregenerated infinite adhesive defects on the forming behaviour of adhesive bonded steel sheets	Advanced Materials Research	939	328–335	2014	-

D. Doley, V. Satheeshkumar, R. Ganesh Narayanan  Thomas Renald, K.Sathiyalingam, V.Satheeshkumar, S.Shanavas, T.Govindasamy	Influence of wire reinforcement on the forming behaviour of adhesive bonded steel sheets  An alternate approach for geometrical construction of subsonic airfoil with numerical	Advanced Materials Research  Procedia Engineering	939	336–341 1758– 1763	2014	-
	with numerical					
K.Sathiyalingam, C.J.Thomas Renald, R.Manikandan, R.Sivakumar, T.Arun Kumar, S.Shanavas, V.Satheeshkumar	Prediction and measurement of pressure distribution over a compressor blade through a cascade studies	Procedia Engineering	38	2657– 2662	2012	-
V.Satheeshkumar, C.J.Thomas Renald, M.Thiagarajan, G.K. Sathiyamanoj	An optimal solution through lean manufacturing using value stream mapping towards efficient production for a world- class automobile brakes manufacturing company	SAE International	doi: 10.4271/2009- 28-0054	-	2009	-
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	-

# (C) Conferences/Workshops/Symposia Proceedings

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
Satheeshkumar V, Ganesh Narayanan R	Assessment of formability of adhesive bonded steel sheets by geometrical heterogeneities	Proceedings of International Conference on Advances in Materials and Manufacturing (ICAMM 2017)	9-14	Advances in Materials and Manufacturing	National Institute of Foundry and Forge Technology, Ranchi, India	2017
Sai Aditya G, Satheeshkumar V	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 of Institute of Technology Jalandhar, India	2016
Pragatheswaran T, Satheeshkumar V	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 of Institute of Technology Jalandhar, India	2016
Satheeshkumar V, Ganesh Narayanan R	Experimental evaluation of deep drawability of adhesive bonded steel sheets	Proceedings of 23 <sup>rd</sup> International conference on Processing and Fabrication of Advanced Materials	1026– 1032	Processing and Fabrication of Advanced Materials	IIT Roorkee, India	2014
V.Satheeshkumar, K.Karthikeyan, C.J.Thomas Renald, V.Jagadeesh, R.Silambarasan, C.Bhagyanathan	Evaluation of cell formation algorithms and implementation of MOD-SLC algorithm as an effective cellular manufacturing	Proceedings of International Conference on Advances in Mechanical Sciences (ICAMS)	179–187	Advances in Mechanical Sciences (ICAMS)	Vardhaman Engineering College, Andhra Pradesh, India	2014

Satheeshkumar V.,	system in a manufacturing industry Forming	Proceedings	Paper ID:	Advances in	Taipei,	2013
Ganesh Narayanan R	behaviour of adhesive bonded steel sheets: Influence of finite defects in the adhesive layer	International conference on Advances in Materials and	257	Materials and Processing Technologies	Taiwan	
Satheeshkumar V.,	Influence of pre-	Proceedings of 16 <sup>th</sup>	Paper ID: 258	Advances in	Taipei,	2013
Ganesh Narayanan R	generated infinite adhesive defects on the forming behaviour of	International conference on Advances in Materials and	258	Materials and Processing Technologies	Taiwan	
	adhesive bonded	Processing				
	steel sheets	Technologies	D 1D		m · ·	2012
Doley D, Satheeshkumar V,	Influence of wire	Proceedings of 16 <sup>th</sup>	Paper ID: 359	Advances in Materials and	Taipei, Taiwan	2013
Ganesh Narayanan R	reinforcement on the forming	International conference on	337	Processing Technologies	Tarwan	
	behaviour of adhesive bonded steel sheets	Advances in Materials and Processing				
Satheeshkumar V,	Experimental	Technologies Proceedings	508–513	Advances in	IIT	2012
Ganesh Narayanan R	investigation on the influence of adhesive properties on forming behaviour of adhesive bonded steel sheets	of International Deep drawing Research Group (IDDRG) 2012	(PART-II)	metal forming	Bombay, Mumbai, India	
V.Jagadeesh, V Satheeshkumar	Comparative	Proceedings of 2 <sup>nd</sup> National	400–408	Recent	Noorul	2011
V.Satheeshkumar, M.Thiagarajan, C.J.Thomas Renald, S.Arun	analysis and implementation of an efficient cellular manufacturing technique in a manufacturing industry	of 2 <sup>nd</sup> National Conference on Recent Advances in Mechanical Engineering		Advances in Mechanical Engineering	Islam University, Tamil Nadu, India	

	T	T		ı	T	
C.J.Thomas Renald,	Analysis of	Proceedings	209–216	Recent	Noorul	2011
V.Satheeshkumar,	Karmann-Treffz	of 2 <sup>nd</sup> National		Advances in	Islam	
T.Govindasamy,	Airfoil	Conference on		Mechanical	University,	
S.Shanavas	Construction	Recent		Engineering	Tamil	
		Advances in			Nadu, India	
		Mechanical				
		Engineering				
M.Ravi Varma,	Experimental	Proceedings	392–399	Recent	Noorul	2011
M.Sibi Prasad,	investigation	of 2 <sup>nd</sup> National		Advances in	Islam	
S.Ranjith kumar,	and prediction	Conference on		Mechanical	University,	
P.A.Rangesh,	on effect of	Recent		Engineering	Tamil	
M.Thiagarajan,	power over flow	Advances in			Nadu, India	
V.Satheeshkumar,	velocity	Mechanical			,	
C.J.Thomas Renald	behaviour in the	Engineering				
	wind tunnel					
G.K.Sathiyamanoj,	An effective	Proceedings	719–725	Manufacturing	Andhra	2010
M.S.Bala Santhosh,	comparison of	of 3 <sup>rd</sup>	, 15 , 120	Technology	University	2010
V.Satheeshkumar,	cellular	International		reemiology	College of	
M.Thiagarajan,	manufacturing	and 24 <sup>th</sup> All			Engineering	
C.J.Thomas Renald,	techniques and	India			(A), Andhra	
P.Dineshbabu,	implementation	Manufacturing			Pradesh,	
K.Karthikeyan	in a	Technology,			India	
K.Karunkeyan	manufacturing	Design and			India	
	industry	Research				
	maustry	Conference				
		(AIMTDR)				
V.Satheeshkumar,	Nanomaterials –	Proceedings	Vol.1,	Recent	Noorul	2010
C.J.Thomas Renald,	A Pessimistic	of I <sup>st</sup>	740–745	Advances in	Islam	
M.Thiagarajan,	Approach	International	710 715	Mechanical	University,	
G.K.Sathiyamanoj,	Tipprouen	conference on		Engineering	Tamil	
P.Dinesh Babu,		Recent		Zinginieerinig	Nadu, India	
K.Karthikeyan,		Advances in			Tidad, Illaid	
C.Bagyanathan		Mechanical				
C.Dugy anaman		Engineering				
C.J.Thomas Renald,	Experimental	Proceedings	Vol.2,	Recent	Noorul	2010
V.Satheeshkumar,	and numerical	of I <sup>st</sup>	195–200	Advances in	Islam	2010
K.Karthikeyan,	investigation of	International	175-200	Mechanical	University,	
M.Thiagarajan,	mixing of four	conference on		Engineering	Tamil	
P.Dineshbabu,	planar parallel	Recent		Liiginceinig	Nadu, India	
G.K.Sathiyamanoj	jets	Advances in			Tradu, Illula	
J.IX. Saulty attlatioj	Jeto	Mechanical				
		Engineering				
M Thisgaraign	3D digitizing	Proceedings	Vol.1,	Recent	Noorul	2010
M.Thiagarajan,		of I <sup>st</sup>			Islam	2010
P.Dineshbabu, M.Ramesh,	technique – A boon in reverse	International	132–138	Advances in Mechanical		
· ·					University, Tamil	
V.Satheeshkumar,	engineering with	conference on		Engineering		
C.J.Thomas Renald,	increase in	Recent			Nadu, India	

G.K.Sathiyamanoj, K.Karthikeyan,	accuracy	Advances in Mechanical				
N.Srimath		Engineering				
V.Satheeshkumar, M.Thiagarajan, C.J.Thomas Renald, R.Silambarasan, P.Dineshbabu, G.K.Sathiyamanoj	Cell formation algorithms – an effective implementation of cellular manufacturing system in a manufacturing industry	Proceedings of I <sup>st</sup> International conference on Recent Advances in Mechanical Engineering	Vol.1, 139–151	Recent Advances in Mechanical Engineering	Noorul Islam University, Tamil Nadu, India	2010
C.J.Thomas Renald, P.Somasundaram, V.Satheeshkumar, M.Ramesh	The feasibility of utilizing biodiesel with diesel fuel- an experimental investigation	Proceedings of I <sup>st</sup> International conference on Recent Advances in Mechanical Engineering	Vol.2, 55– 61	Recent Advances in Mechanical Engineering	Noorul Islam University, Tamil Nadu, India	2010
V.Satheeshkumar, C.J.Thomas Renald, B.Deepak Sivanandh, R.Poomagan	Investigation of surface roughness on Al-Li 8090 alloy CNC turned material	Proceedings of I <sup>st</sup> International conference on Recent Advances in Mechanical Engineering	Vol.1	Recent Advances in Mechanical Engineering	Noorul Islam University, Tamil Nadu, India	2010
S.Srinivasan, R.Devaraja Vignesh, P.Somasundaram, C.J.Thomas Renald, V.Satheeshkumar	Drag reduction in an automobile by conical cup attachment using CFD techniques	Proceedings of I <sup>st</sup> International conference on Recent Advances in Mechanical Engineering	Vol.2, 354–358	Recent Advances in Mechanical Engineering	Noorul Islam University, Tamil Nadu, India	2010
M.Rammohan, K.Padmanaban, M.Abbilash, C.J.Thomas Renald, V.Satheeshkumar	2-D CFD Analysis on a Convergent- Divergent nozzle used in light combat aircrafts	Proceedings of I <sup>st</sup> International conference on Recent Advances in Mechanical Engineering	Vol.2, 346–349	Recent Advances in Mechanical Engineering	Noorul Islam University, Tamil Nadu, India	2010
V.Satheeshkumar, C.Natarajan	Prediction of Surface Characteristics	Proceedings of I <sup>st</sup> International	Vol.1, 729–735	Recent Advances in Mechanical	Noorul Islam University,	2010

	on Al-Li 2090 alloy material in CNC Turning Operation	conference on Recent Advances in Mechanical Engineering		Engineering	Tamil Nadu, India	
C.J.Thomas Renald, P.Somasundaram, V.Satheeshkumar	Comparison study of secondary fuels by fixing the jet angle in a dual fuelled CI engine by using CFD techniques	Proceedings of I <sup>st</sup> International conference on Recent Advances in Mechanical Engineering	Vol.2, 62–70	Recent Advances in Mechanical Engineering	Noorul Islam University, Tamil Nadu, India	2010
S.Srinivasan, R.Devaraja Vignesh, P.Somasundaram, C.J.Thomas Renald, V.Satheeshkumar	Investigations on a symmetrical airfoil at various angles of attack by using CFD techniques	Proceedings of I <sup>st</sup> International conference on Recent Advances in Mechanical Engineering	Vol.2, 350–353	Recent Advances in Mechanical Engineering	Noorul Islam University, Tamil Nadu, India	2010

(C) Books & Monographs

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