

**MECH Faculty Publications in the Year 2016**

S.No	Name of the Staff Member	Title of the Paper Page No	Volume No, Issue No & ISSN/ISBN No	Name of the Journal	Year and Month of the Journal
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**Journal papers:**

1	P. Ravi Kumar, Dr. M. Ramalinga Reddy, D. Ajay	Effect Of Process Parameters On Surface Roughness In EDM Process	P. No. 67-75, ISSN : 2249-6645	International Journal Of Modern Engineering And Research	Jan-16
2	T.Hima Bindu, K.Srinivasulu.,S.Lavanya	Coupled Field Analysis Of Turbine Rotor Blade	Vol.6, Issue 1, January 2016	International Journal Of Modern Engineering Research (IJMER)	Jan-16
3	P. Ravi Kumar, Dr. M. Ramalinga Reddy	Effect Of end cutting edge angle on the generation of surface in turning	Vol. 1, Issue 1,ISSN 2455-4677	CMR Journal of Engineering and Technology	Jan 2016-June 2016
4	P. Ravi Kumar	Influence Of Cutting Speed And Type Of Damping Inserts On Chip Thickness And Width In End Milling Process	Vol. 1, Issue 1,ISSN 2455-4677	CMR Journal of Engineering and Technology	Jan 2016-June 2016
5	Jatin Selmokar, P.Ravi Kumar	Analysis of tool wear in end milling of AISI 1018 steel	Volume 7, Issue 6, June 2016, ISSN 2229-5518	International Journal of Scientific and Engineering Research	Jun-16
6	Dr. B. Srinivasa Varma, S. Shyam Kumar	Behaviour and wear mechanisms of ZTA based ceramic cutting tools on hardened steels	Volume 6, Issue 4, ISSN : 2348-1862	International journal of research in engineering and applied science (IMPACT FACTOR-6.573)	Apr-16
7	Dr.B.Srinivasa varma, S.Shyam Kumar,S.Madhu	Reliability of ZTA ceramic cutting tools while machining carbon steels	Vol. 1, Issue 2, ISSN 2455-4677	CMR Journal of Engineering and Technology	Aug-16
8	Dr.Srinivasa varma	Weld defect studies of EN-8 Mild steel by Non destructive Techniques	ISSN 0256-4637	Journal of Pure and Applied Ultrasonics	2016
9	Dr. V. Chandrasekhar	Early predictors to differentiate primary and secondary dengue infection in children	ISSN:2278-7119	Medical Journal of Dr. D. Y. Patil University	Jan-16
10	Dr. V. Chandrasekhar	Role of liver indices in differentiating dengue infection from other febrile illness in children	ISSN:1449-1907	International journal of medical science and Technology	Jan-16

**Conference Presentations:**

1	Uma Maheshwera Reddy Paturia, Yesu Ratnam Maddu, Ramalinga Reddy Maruri	Measurement and analysis of surface roughness in WS2 solid lubricant assisted minimum quantity lubrication (MQL) turning of Inconel 718	Procedia CIRP 40 ( 2016 ) 138 – 143	Procedia CIRP 40 ( 2016 ) 138 – 143,13th Global Conference on Sustainable Manufacturing - Decoupling Growth from Resource Use.	2016
2	P.Ravi Kumar, Dr.M.Ramalinga Reddy,D.Ajay	Effect Of Process Parameters On Surface Roughness In EDM Process	(NC-Dates 2k16) P.No.67-75	Proceedings Of 2 <sup>nd</sup> National Conference On Developments, Advances & Trends In Engineering Science (NC-Dates 2k16) P.No.67-75. Organized By CMR	8 <sup>th</sup> - 9 <sup>th</sup> January 2016
3	P.Ravi Kumar , D.Ajay	Optimization Of Metal Removal Rate In Machining Of Cast Iron And Copper Alloy By End Milling	P.No.56-60.ISBN :978-93-81692-07-1	India From Proceedings Of International Conference On Technological Innovations In Mechanical Engineering (Time-2016)	10 <sup>th</sup> -11 <sup>th</sup> February 2016
4	KPV Krishna Varma	Effect of shape of cut in twisted tape turbulators on enhancement of heat transfer characteristics	ISBN : 978-93-85100-57-4	Proced. of national conference on Technological advancements in Mechanical Engineering	22 <sup>nd</sup> and 23 <sup>rd</sup> July 2016
	KPV Krishna Varma	Comparitive analysis of rectangular jet impingement heat transfer on flat plate using CFD	ISBN : 978-93-85100-57-4	Proced. of national conference on Technological advancements in Mechanical Engineering, JNTU Kakinada	22nd and 23rd July 2016