

GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND PG COURSES (A)

ENGINEERING AND TECHNOLOGY PROGRAM

DEPARTMENT OF MECHANICAL ENGINEERING

PARTICULARS OF ACADEMIC & RESEARCH PUBLICATIONS

ACADEMIC YEAR 2018-19

Sl. No	Name of the Faculty Member/s	Title of the Journal	Title of the paper	DOI	National/ International	Name of the Publisher	Citations	ISSN	Year	Indexing	UGC List
1.	CH. Hima Gireesh	Journal of Advanced Research in Dynamical and Control Systems - JARDCS	Electromagnetic Shielding Effectiveness of Al6061 Hybrid Metal Matrix Composites	----	International	Institute of Advanced Scientific Research	----	1943-023X	2018	SCOPUS	26301
2.	i. CH. Hima Gireesh ii. K. G. Durga Prasad	Journal of Composite Sciences	Experimental Investigation on Mechanical Properties of an Al6061 Hybrid Metal Matrix Composite	doi:10.3390/jcs2030049	International	MDPI	23	2504-477X	2018	Emerging Sources Citation Index (ESCI), SCOPUS	-----
3.	N. Sarada Purnima	Materials Research Express	Surface alloying of D2 steel using EDM with WC/Co P/M electrodes made of Nano and Micron sized particles	10.1088/2053-1591/aa f33b	International	IOP	----	2053-1591	2018	SCIE, SCOPUS	3985

4.	i. M.V.Prasad ii. Dr. K.G. Durga Prasad iii. K.Pavan Kumar iv. R.Siddhradha v. K.Sanatha	Journal of Mechatronics and Automation	Optimization of Process Parameters in Wire EDM of HCHCrD2 using RSM-based Multi-objective Genetic Algorithm	----	International	STM	----	2488-1988	2018	Google Scholar	----
5.	i. R. Siddhardha ii. K. Sanatha	International Journal for Scientific Research & Development	Heat Transfer Enhancement of High Temperature Thermal Energy Storage Using Open Cell Metal Foam and Paraffin Wax	----	International	IJSRD	----	2321-0613	2018	Google Scholar	----
6.	i. R. Siddhardha ii. K. Sanatha	International Journal for Research in Technological Studies	Numerical Investigation of Natural Convection Heat Transfer from Horizontal Pin- Fin with Annular Fins	----	International	IJRTS	----	2348-1439	2018	Google Scholar	----

7.	i. R. Siddhardha ii. P.V. Vinay	International Journal of Research in Advent Technology	Constructal design of array of tree shaped heat sink	----	International	IJRAT	----	2321-9637	2018	Google Scholar	----
8.	R. Siddhardha	International Journal of Research and Analytical Reviews	Numerical Investigation on Heat Transfer Enhancement by Natural Convection with Perforated Fin	----	International	IJRAR	----	2349-5138	2018	Google Scholar	----
9.	R. Siddhardha	Journal of Thermal Engineering	Response Surface Based Optimization of Ribbed Isosceles Triangular Twisted Tape Heat Exchanger using Entropy Augmentation Generation Number with Al ₂ O ₃ Nano working fluid	----	International	JTEN	----	2148-7847	2019	SCOPUS	63078

10.	CH. Hima Gireesh	International journal of engineering and advanced technology	Experimental Investigation on Mechanical Properties of Al 6061 Metal Matrix Composite Reinforced with Aole Vera Powder	Retrieval Number D64250 48419	International	IJEAT	----	2249- 8958	2019	SCOPUS	-----
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PUBLICATIONS OF BOOKS & BOOK CHAPTERS

BOOK PUBLICATIONS							
Sl.No	Author	Description	Title of the Book	National/ International	Name of the Publisher	Book ISBN	
1	Dr. K.G. Durga Prasad	Text Book	Engineering Mechanics	National	Falcon Publishers Hyderabad	93-60155-31-X	
2	Dr. K.G. Durga Prasad	Text Book	General Mechanical Engineering	National	Falcon Publishers Hyderabad	93-80155-41-7	
PUBLICATIONS IN BOOK CHAPTERS							
Sl. No	Authors	Title of the chapter	Title of the Book	DOI	National/ International	Name of the Publisher	Book ISBN
1	i. Dr. K.G.Durga Prasad ii. M.V. Prasad iii. Ch. Hima Gireesh	QFD-Based Ergonomic Design of Drafting Table for Engineering students – A case study	Ergonomic Design of Products and Work systems – 21 st Century Perspectives of Asia	10.1007/978- 981-10-5457-0	International	Springer	978-981- 10-5456-3
2	Dr. K.G.Durga Prasad	Kano-HOQ-GRA Hybrid methodology for Customer driven product development	Optimizing current strategies and Applications in Industrial Engineering	10.4018/978-1- 5225-8223- 6.ch005	International	IGI Global	978152258 2243