

MECHAZINE

VOLUME-4 ISSUE-2

Chief Editor:

Editor:

Faculty co-ordinator:

Student co-ordinators:

Dr. DV.S.S.S.V. Prasad, HoD-M.E.

Ms. A. Jhansi, Asst. Prof., M.E.

Mr. T.V. Rakesh, Asst. Prof., M.E.

1. L. Praneeth

2. N.Tharun



SRI VASAVI ENGINEERING COLLEGE

(Sponsored by Sri Vasavi Educational Society)

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

(Accredited by NAAC with 'A' Grade ,Recognized by UGC under section 2(f) & 12(B))

Pedatadepalli, **TADEPALLIGUDEM – 534 101**. W.G.Dist. (A.P)

OUR FACULTY OUR STRENGTH

S.No.	Name of the Faculty	Designation	Qualification	Mobile No	Mail ID
1	Dr. G.V.N.S.R. Ratnakara Rao	Professor/ Dean(A)	BE, ME, Ph.D	9490799102	ratnakarguduru@gmail.com
2	Dr. M.V. Ramesh	Professor & Head	Ph.D	9885183268	maa_ram@yahoo.co.in
3	Mr. K. S. B. S. V. S. Sastry	Assoc. Prof.	M. Tech (Ph.D)	9440141319	ksbsvs.sastry@gmail.com
4	Mr. P. N. V. Gopala Krishna	Assoc. Prof.	M. Tech (Ph.D), M. Tech (CSE), MBA	9849511367	pnvk1@gmail.com
5	Dr. K. Ramesh Reddy	Assoc. Prof	M. Tech, Ph.D	9701870040	krameshreddy2002@gmail.com
6	Mr. K. Sri Rama Murthy	Sr. Asst Prof	M.Tech, (Ph.D)	9951373443	Ksrm05@gmail.com
7	Mr. G. Rama Prasad	Sr. Asst Prof	M. Tech	9989513526	rampi47@gmail.com
8	Ms. N. Tulasi Radha	Asst Prof	B.E, M. Tech(Ph.D), M. Tech (CSE)	9392589966	radhi789@gmail.com
9	Mr. K. Kiran Kumar	Asst. Prof	M. Tech	9642216622	kandavallikrankumar@gmail.com
10	Ms. K. Dorathi	Asst. Prof	M.E, (Ph.D)	9491375707	dorathikare789@gmail.com
11	Mr. M. Venkata Naveen	Asst. Prof.	M. Tech	9985575143	naveen.loveall@gmail.com
12	Mr . B.N.V. Srinivas	Asst. Prof	M. Tech, (Ph.D)	9948174829	bnvsrinu1@gmail.com
13	Mr. T.S.S.R.	Asst. Prof	M. Tech	7893414272	tssrkrishna.316@gmail.com

	Krishna				
14	Mr. S. Chandrasekhar	Asst. Prof	P.G.TD, M. Tech (Ph.D)	8897805920	sayelachandrasekhar@gmail.com
15	Mr. P. Vijay Kumar	Asst. Prof	M. Tech	9394567232	vijaykumar.paluri@gmail.com
16	Mr. V. Sarath Teja	Asst. Prof.	M. Tech	9908798881	sarath.teja0744@gmail.com
17	Mr. SK. Surjan	Asst. Prof	M.Tech	9542116779	surjan351.sheik@gmail.com
18	Mr. G. Surya Narayana	Asst. Prof	M.Tech	9492919878	gudavalli.surya@gmail.com
19	Mr. K.C.S. Vyasa Krishnaji	Asst. Prof	M.Tech	9700561407	vyasakcs@gmail.com
20	Mr. G. Prasanth	Asst. Prof	M.Tech	8332961707	prasant.grandhi@gmail.com
21	Mr. P.V.D. Prasad	Asst. Prof	M.Tech	9441338032	vdprasad.perla@gmail.com
22	Mr. K. Hemanth	Asst. Prof	M.Tech	9618746212	kumarapu.hemanth@gmail.com
23	Ms. P. Shruti	Asst. Prof	M.Tech	7893533312	p_shruti5@yahoo.com
24	Mr. T. Atma Ramudu	Asst. Prof	M.Tech	9966209244 9490517147	atma.ssri@gmail.com
25	Mr. D.V.N. Prabhakar	Asst. Prof	M.E. (Ph.D)	7013290220	dvnprabhakarvasavi@gmail.com
26	Mr. T. Obulesu	Asst. Prof	M. Tech (Ph.D)	9908942503 9059545046	obulesuskd@gmail.com
27	Mr. R. Mohan Rao	Asst. Prof	M. Tech	9502839959	mohan.rapaka@gmail.com
28	Ms. P. V. Soujanya	Asst. Prof	M. Tech	8790797691	souji342pilli@gmail.com
29	Ms. S. Roopa Monica	Asst. Prof	M. Tech	8985449479	roopa.moni555@gmail.com
30	Ms. A. Jhansi	Asst. Prof	M. Tech	9989720351	jhansianupuju@yahoo.com
31	Mr. R. Rajesh	Asst. Prof	M. Tech	8464887564	rayi.rajesh189@gmail.com

Faculty Publications:

National Conferences attended by our faculty:

- [1]. V. SarathTeja, D.V.S.S.S.V. Prasad, K.S.B.S.V.S. Sastry & G. Surya Narayana “Fabrication of Elbow Power Transmission Mechanism for Machining” National Conference on Technological Advancements in Mechanical Engineering ISBN: 978-93-85100-57-4, page no. 16-18, July-2016.
- [2]. D.V.S.S.S.V. Prasad, V. SarathTeja & K.S.B.S.V.S. Sastry “Optimization of Turning process parameters using Taguchi method” National Conference on Technological Advancements in Mechanical Engineering ISBN: 978-93-85100-57-4, page no. 69-72, July-2016.
- [3]. mar, “Enhancement of efficiency of bicycle”, Two Day National Conference on Technological Advancements in Mechanical Engineering (TAME-16), UCEK,-JNTUK, Kakinada, 22-23 July 2016.
- [4]. Anil Kumar Garikapati, D.V.S.S.S.V. Prasad, S. Vaneela, “Analysis of test rig for functional evaluation for air turbine”, Two Day National Conference on Technological Advancements in Mechanical Engineering (TAME-16), UCEK,-JNTUK, Kakinada, 22-23 July 2016.
- [5]. M. Saratchandra Prasad, D.V.S.S.S.V. Prasad, “Extraction of bio-diesel from groundnut oil”, Two Day National Conference on Technological Advancements in Mechanical Engineering (TAME-16), UCEK,-JNTUK, Kakinada, 22-23 July 2016.
- [6]. N. TulasiRadha, D.V.S.S.S.V. Prasad, K. Doraty, “Fabrication of pedal powered hacksaw cutting and grinding unit”, Two Day National Conference on Technological Advancements in Mechanical Engineering (TAME-16), UCEK,-JNTUK, Kakinada, 22-23 July 2016.
- [7]. K. Doraty, D.V.S.S.S.V. Prasad, N. TulasiRadha, “Fabrication of solar multipurpose vehicle used in agriculture field”, Two Day National Conference on Technological Advancements in Mechanical Engineering (TAME-16), UCEK,-JNTUK, Kakinada, 22-23 July 2016.

International Conferences attended by our faculty:

- [1]. V. SarathTeja, D.V.S.S.S.V. Prasad, K.S.B.S.V.S. Sastry “Numerical Study on Materials and Design Optimization of a Bicycle Frame” ISSN (Print): 2319-3182, Volume -4, Issue-4, 2015
- [2]. Guduru VNSR Ratnakara Rao, V Ramachandra Raju, Richa Rani Dewangan “Investigations on a Neat Mahua Oil Fuelled C.I Engine with Hydrogen Peroxide as Additive” ISSN (Print): 2319-3182, Volume -4, Issue-4, 2015
- [3]. N. Tulasi Radha, K. Dorathi, “Modelling and CFD analysis over a missile blunt body with


spherical
aerospike”, two day international conference ICRIESHM, ISBN:978-93-86171-02-3.
[4]. D.V.S.S.S.V. Prasad and A. Gopalakrishna, “Multi-response optimization of wire EDM
using
Desirability Function Approach and Grey Relational Analysis”, International Conference on
Computational methods in manufacturing (ICMM-2011), 15-16, December 2011 (ICMM
2011)
@ Indian Institute of Technology (IIT), Guwahathi.

Papers published in National Journals

[1]. T. Sakthivel, P. Shruti , P. Parameswaran, G. V. S. Nageswara Rao, K. Laha and T. Srinivasa
Rao
“Enhancement in creep strength of modified 9Cr-1Mo steel through thermomechanical
treatment”,
Transactions of Indian Institute of Metals, DOI 10.1007/s12666-016-0902z, Published online: 26

Papers published in International Journals

[1]. V. SarathTeja, A. Ramakrishna, Guduru. VNSR Ratnakara Rao; “Numerical study of
different
crosssectional stacked micro channels Heat sink” International Journal of Engineering Research
&
Technology(IJERT), Vol 3, issue 8, August 2014; ISSN 2278-0181
[2]. G. Suryanarayana, G.Venkateswara Rao, N. Balakrishna “Experimental investigation on
Pool
Boiling Heat Transfer with Sodium Dodecyl Sulfate”, Vol 3, No 2 (2015) March-April
[3]. Anil Kumar Garikapati, Dr. N. Govind, Dr.RavindraKommineni,V.Anand Kumar,
”Development of
Software Using Matlab for Design Optimization of Brake for Minibike” e-ISSN: 2278-1684,p-
ISSN:
2320-334X, Volume 12, Issue 6 Ver.III (Nov. - Dec. 2015), PP 24-29.
[4]. N. Tulasi Radha1, K. Dorathi, “Modelling and cfd analysis over a missile blunt body with
spherical
aerospike” ISSN 2319-8354, Vol. No. 5, Issue No. 8, Augudt 2016.
[5]. E. Venugopala Goud, A. Gopalakrishna and D.V.S.S.S.V. Prasad, “Modeling and
optimization of a
machining process”, International Journal of Multidisciplinary Research and Advances in
Engineering (IJMRAE), 3(3):227-242, October 2011.
[6]. M. Janardhan, A. Gopalakrishna and D.V.S.S.S.V. Prasad, “Modeling and optimization of
surface
grinding process using non-dominated sorting genetic algorithm (NSGA)”, International Journal
of
Manufacturing Science and Technology (IJMST), 5(2):pp. 117-133, December 2011.
[7]. D.V.S.S.S.V. Prasad and A. Gopalakrishna, “Empirical modeling and Optimization of kerf

The background of the page is a light gray, semi-transparent image of various interlocking gears of different sizes and designs, creating a complex mechanical pattern.

and wire

wear ratio in Wire Electrical discharge Machining”, International Journal of Advance Manufacturing

Technology (IJAMT), Springer-Verlag London Limited. DOI: 10.1007/s00170-014-6445-8 (Published online).

[8]. P. Sandeep Kumar, D.V.S.S.S.V. Prasad, “ Optimization of CNC turning of Al/SiC MMC using

genetic algorithm”, International Journal of Mechanical Engineering & Computer Applications (IJMCA), 3(3):76-80, July-August 2015, ISSN 2320-6349.

[9]. P. Sandeep Kumar, D.V.S.S.S.V. Prasad, “ Global Optimization of CNC turning of Al/SiC MMC

using RSM and Genetic Algorithm”, Journal of Manufacturing-Society of Manufacturing

Mechazine

Volume- 4 Issue-2

Fabulous Association of Mechanical Engineers



Department of Mechanical Engineering

Sri Vasavi Engineering College
Pedatadepalli, Tadepalligudem
West Godavari
Andhra Pradesh