

BIO-DATA

Name : Guduru VNSR Ratnakara Rao
Qualifications : B.E,M.E, Ph.D
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Details of Educational Qualifications:

S#	Course	Specialization	Institution/Board/University	Year Of Pass	Percentage Marks	Grade Obtained
1	S.S.C	-----	ZPH School, Gundugolanu/Board of Secondary Education, Andhra Pradesh.	1990	73	I class
2	Intermediate	MPC	Board of Intermediate Education, Andhra Pradesh.	1992	64.9	I class
3	B.E	Mechanical Engineering	Rural Engineering College, Bhalki/Gulbarga University.	1996	76	I class with distinction
4	M.E	Thermal Power Engineering	PDA College of Engineering, Gulbarga/Gulbarga University.	1998	76	I class with distinction
5	Ph.D	Mechanical Engineering	JNTU.	2010	-----	-----

Details of Professional Experience:

S#	Post held	Name of the Institution	From	To
1	Lecturer	Thangavelu Engineering College, Chennai	05-11-1997	1-10-1999
2	Lecturer	BVC Engineering College, Odalarevu	05-10-1999	31-07-2000
3	Asst Professor	BVC Engineering College, Odalarevu	01-08-2000	30-10-2003
4	Associate Professor	BVC Engineering College, Odalarevu	1-11-2003	31-03-2008
5	Professor	BVC Engineering College, Odalarevu	01-04-2008	30-10-2010
6	Principal	Praveenya Institute of Marine Engineering and Maritime studies	10-11-2010	25-11-2011
7	Principal	Bhimavaram Institute of Engineering and Technology	27-11-2011	30-11-2013
8	Professor	Sri Vasavi Engineering College, Tadepalligudem	05-12-2013	Till Date

Details of Publications:

Papers Published in the proceedings of National Conferences:

1. GVNSR.Ratnakara Rao, Dr.V.Ramachandra Raju, Dr.M.Muralidhara Rao; "Performance evaluation of C.I engine using Diesel-Water emulsion". Proceedings of National conference on advances in mechanical engineering, Vasavi college of engineering, Hyderabad, 2005, PP T97-T99.
2. GVNSR.Ratnakara Rao, Dr.V.Ramachandra Raju, Dr.M.Muralidhara Rao; "Performance evaluation of C.I engine using LPG as sole fuel", Proceedings of National conference on advances in mechanical engineering, Vasavi college of engineering, Hyderabad, 2005, PP T164-T165.

Papers Published in the Proceedings of International Conferences:

1. GVNSR.Ratnakara Rao, Dr.V.Ramachandra Raju, Dr.M.Muralidhara Rao; "Experimental investigation on a four stroke C.I engine with esterified Mahua oil". Proceedings of International conference on biofuel vision 2015.College of engineering, Bikaneer, 2006. PP 73-75.
- 2.

Papers Published in International Journals:

1. GVNSR. Ratnakara Rao, Dr.V.Ramachandra Raju, Dr.M.Muralidhara Rao; "Optimizing the compression ratio of diesel fuelled C.I Engine" Asian research publication network Journal of engineering and applied science, vol3, No.2 April2008; ISSN 1819-6608.
2. GVNSR.RatnakaraRao, Dr.V.Ramachandra Raju, Dr.M.Muralidhara Rao; "Optimizing the compression ratio of Mahua fuelled C.I Engine" Asian research publication network Journal of engineering and applied science, vol4, no.3 May 2009; ISSN 1819-6608.
3. GVNSR.RatnakaraRao, Dr.V.Ramachandra Raju, Dr.M.Muralidhara Rao; "Effect of addition of Di ethyl ether to neat Mahua oil on engine performance" International journal on mechanical and automobile engineering(IJMAE), vol3, no.4, March 2009; ISSN 0974-231X.
4. GVNSR.RatnakaraRao, Dr.V.Ramachandra Raju, Dr.M.Muralidhara Rao; "OPTIMIZATION OF INJECTION PARAMETERS FOR A STATIONARY DIESEL ENGINE" Global journal of Research in Engineering(GJRE), vol10, issue 2, June 2010; ISSN 0975-5861.
5. V. Sarath Teja, A. Ramakrishna, Guduru. VNSR Ratnakara Rao; "Numerical study of different crossectional stacked micro channels Heat sink" International Journal of Engineering Research & Technology(IJERT), Vol 3, issue 8, August 2014; ISSN 2278-0181.
- 6.

Papers accepted for publication in International Journals:

1. GVNSR.RatnakaraRao, Dr.V.Ramachandra Raju, Dr.M.Muralidhara Rao; "Performance augmentation of Mahua fuelled C.I using different additives" International Journal of Renewable energy. (Ref no IIRE-J0801-06)
2. GVNSR.RatnakaraRao, Dr.V.Ramachandra Raju, Dr.M.Muralidhara Rao; "INVESTIGATIONS ON A NEAT MAHUA OIL FUELLED C.I ENGINE WITH HYDROGEN PEROXIDE AS ADDITIVE" Brazilian Journal of Science and Mechanical Engineering.
- 3.

Memberships in Professional societies/ Institutions:

- *Member Indian Society for technical Education(MISTE-LM 34702)
- *Member The Institution of Engineers(India) (MIE M-140918-7)