Prof. Dr. M.R.S. SATYANARAYANA

Cell:9493637939, Email: rssmunukurthi@yahoo.com

EDUCATION:

Ph.D.(MechanicalVibrations),2001,MechanicalEngineeringDepartment, College of Engineering, Andhra University, Visakhapatnam

M.E(Machine Design),1993,Ist Class, Mechanical Engineering Department, College of Engineering, Andhra University, Visakhapatnam.



B.Tech(Mechanical Engineering),1991,Ist Class, V R Siddhartha Engineering College, Vijayawada, Acharya Nagarjuna University (Formerly Nagarjuna University)

AREAS OF EXPERTISE:

Mechanical Vibrations, Condition Monitoring, Machine Design, Finite Element Analysis, CAD

Employment:

- Professor, Department of Mechanical Engineering, GITAM University (2007 to Till date)
- Associate Professor, Department of Mechanical Engineering, GITAM University (2003 to 2007)
- Asst. Professor (Sr. Scale), Department of Mechanical Engineering, GITAM University (2001 to 2003)
- Asst. Professor, Department of Mechanical Engineering, GITAM University (1995 to 2001)
- Design Engineer in Comsat Systems Pvt. Ltd, Hyderabad (1994 to 1995)

RESEARCH PROJECTS& CONSULTANCY WORKS:

- Completed DST project, Co-Principal Investigator, "Experimental investigation of Nano metallic fuel additives on combustion performance and engine vibrations of variable C.I. Engines fuelled with diesel and bio-diesel diethyl ether blends" worth Rs. 49.32428 lakhs (2013-2016)
- Completed NSTL Consultancy work, "Modeling and Analysis of Acoustic Transducer with PU material for decoys" worth Rs 4.20 lakhs during 2011-2013.
- Completed UGC Major Research Project work on "Machinery Faults and Modern Diagnostic Approaches" under UGC Major Research Project worth of Rs.6, 27,100/-during 2004-2007.
- Completed Consultancy project, Principal Investigator, "FEM Analysis of Machinery Foundation Structures" under Reveillie Allied Engineers Pvt. Ltd. worth of Rs. 3.00 lakhs (2015-16)

PATENT:

 AUTOMATIC SIDE KICKSTAND RETRIEVAL SYSTEM FOR TWO WHEELERS (Patent Filed: NRDC/FA/17004/2017), 2016

CREDENTIALS:

- ✓ Coordinated the activities for the NAAC Peer Committee Visit during 19- 21 February on 2017 as a Head of the Department, Mechanical Engineering of NAAC Institutional Committee and was Accredited with "A+" Grade
- ✓ Key role for Got Technical Education Quality Improvement Programme Phase –II (Worth of Rs. 4 Crores)
- ✓ Key role for Department of Mechanical Engineering, GITAM Institute of Technology, GITAM University Signed MoU With Central Institute of Tool Design, Hyderabad (CITD-Hyderabad) on May 2016
- ✓ Key role for Department of Mechanical Engineering, GITAM Institute of Technology, GITAM University Signed MoU With Central Institute of Plastics Engineering &

Technology | Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Government of India, Vijayawada on December 2016

- ✓ Coordinated the activities for the NAAC Peer Committee Visit during 1 3 May on 2011 as a Vice Principal of NAAC Institutional Committee and was Accredited with "A" Grade
- ✓ Coordinated the activities for the UGC Committee Visit during 28th & 29th September on 2011 for sanction of 12B Status.

Administration :

- Head of the Department of Mechanical Engineering, GITAM University (2016-till date)
- Coordinator, TEQIP Phase II, GIT, GITAM University (Dec2012 Dec2017)
- BoS-Chairperson, Department of Mechanical Engineering, GIT, GITAM University (Nov 2015- Feb 2016)
- Director, GITAM School of Technology, Bangalore (July 2012 Dec 2012)
- Coordinator, TEQIP Phase II, GIT, GITAM University (2011-July 2012)
- Vice principal, GITAM Institute of Technology(2009 to 2011)
- Member, Academic counsel, GITAM University(2007-2010)
- Director, GITAM School of Technology, Hyderabad(2009)
- Convener, Departmental Research committee, Departments of mechanical and Industrial Production Engineering.(2007-2010)
- Member, Advisory committee, GITAM University.(2007-2010)
- Chairman, Board of Studies of Mechanical Engineering, GITAM University(2007-2010)
- Head of the Department of Mechanical Engineering, GITAM University(2007-2010)

AWARDS/RECOGNITIONS

- Life time Fellowship in Condition Monitoring Society of India
- BEST TEACHER AWARD 2015 by GITAM University, Visakhapatnam
- Keynote speaker on CEP course on "Structural Design of Composites using FEM" on 06-01-2015 at NSTL, Visakhapatnam
- Keynote speaker on International conference on "Applications and Design in Mechanical Engineering (ICADME-2012)" at Penang, Malaysia (27-28 Feb 2012).
- INAE Summer fellowship 2006 by Indian national Academy of Engineering, New Delhi
- "YOUNG ENGINEER AWARD OF THE YEAR 2003" by the Institution of Engineers (India)

PROFESSIONALINSTITUTIONS:

- Life Fellow of Condition Monitoring Society of India (LFCMSI), 2017
- Fellow of Institute of Engineers (India) (FIE), 2012
- Member of Condition Monitoring society of India (MCMSI), 2003
- Member, Acoustical Society of India (MASI), 1998
- Member, Indian society for Technical Education (MISTE), 1997

Organized Programmes:

- Convener for National Conference on Materials & Manufacturing (NCMM-2017) during 22-23 December 2017
- Convener for International Conference on Condition Monitoring (ICCM-2016) during 26-27 October 2016
- Convener for Six days Workshop on Gating systems during 16-23 July 2016
- Convener for Workshop on Autodesk (Fusion 360) Design on 19-07-2016

- Co-Chairmen for International Conference on Micro-Electronics, Electromagnetics and Telecommunications (ICMEET -2015) from 18-12-2015 to 19-12-2015
- Convener for One Day International Workshop on Quality Research Writing and Research Impact measures on 04-01-2016
- Convener for Faculty Development Programme on Outcome Based Education on 09-01-2016
- Convener for Two day National Workshop on Vibration Monitoring and Analysis of Mechanical Systems from 14-10-2015 to 15-10-2015
- Convener for Three Days workshop on Research Design and Methodology from 14-03-2015 to 16-03-2015
- Organizing committee member in International Conference on Professional Engineers: Challenges In Disaster Management (ICPECDM-2014) (18th – 19th Dec 2014)
- Convener for Workshop on Advances in Vibration Monitoring from 23-08-2014 to 24-08-2014
- Organizing Secretary for One day Workshop on Condition Monitoring and Rotating Machinery on 15-2-2014
- Convener for Non-Teaching refresh course on Usage of National Language (Hindi) In Professional Environment.
- Convener for Three days Training Programme on Corporate behavior Skills from 27-05-2013 to 29-05-2013
- Convener for Five days Training Programme on Effective Office Management and advanced Computer Skills from 20-05-2013 to 24-05-2013
- Keynote speaker in International conference on Applications and Design in Mechanical Engineering (ICADME-2012) at Penang, Malaysia (27-28 Feb 2012)
- Co-chairman for international conference on condition monitoring-ICCM 2011 (24-25 Feb 2011) GITAM, Visakhapatnam-45.
- Coordinator for AICTE-ISTE STTP on Condition monitoring from 16-03-2009 to 21-03-2009.
- Coordinator for AICTE-SDP on FEA and its applications from 16-02-2009 to 28-02-2009.
- Secretary for international conference on advances in structural dynamics and its applications (7-9 Dec2005) GITAM, Visakhapatnam-45.
- Guided 150 students at U.G and 31 students at M.Tech (CAD/CAM) and M.Tech (Machine Design) and 5 students awarded their Ph.D. progamme and remaining 5 students are pursuing research.

Programmes Attended:

- Partnership summit 2018 organised by Confederation of Indian Industry (CII), Visakhapatnam Zone during 24th -26th, Feb 2018
- 2nd Batch of Management Capacity Enhancement Programme for Administrators Organized by IIM-Trichy (Chennai) during 09th -13th February 2015
- Seminar on Vibration, Condition Monitoring & Sensors Calibration Concepts and Applications organized by Hotel Best western Ramachandra, Gajuwaka, Visakhapatnam on 19th August 2014
- Short-term course on "FRP Composites :Overview, characterization, Analysis, Design and Applications" Organized by IIT- Hyderabad during 10th 11th July 2014
- Training programme on "Conclave on Operational Excellence" Organized by Confederation of Indian Industry, Visakhapatnam on 26th July 2013
- National Conference on Condition Monitoring Organized by IISc , Bengaluru during 04th-05th October 2013
- QIP short term Programme on Advanced Structural Mechanics during 4-8, Jan 2010 at IISC Bangalore
- Workshop on Finite Element Analysis at TEAMTECH, 2006 on 28 Feb 2006 at Ban galore Engineering college
- Work shop on optimization methods for engineering design by S.S.Rao, USA, 5-10, July, 2004.
- Work shop on ANSYS software by CAAM technologies, Visakhapatnam during 16th-20th Jan 2002.
- Work shop on Optimization Methods for Engineering Design by S.S.Rao, USA, 5-10, Mar 2002.
- A short-term course on "FINITE ELEMENT ANALYSIS" at NSDRC in 2001.
- A short-term course on "COMCON2K" at A.U.
- A short-term course on "FINITE ELEMENT ANALYSIS" at A.U Aug-Sep 2000.
- AICTE short-term course on "ROTOR BEARINGS" at IIT Kharagapur in1998.

Ph.D Awarded:

- Dr. G. Divakar, Professor, Dept. of Mechanical Engineering, KL University, Guntur
- Dr. B. Kishore, Assoc. Professor ,GITAM University (Bengaluru Campus)
- Dr. K. Srividya, Assoc. Professor, Dept. of Mechanical Engineering, PVPSIT, Vijayawada
- Dr. V.Srinivasa Sai, Professor, Dept. of Mechanical Engineering, DVR & Dr. HS MIC College of Technology, Kanchakacharla, Andhra Pradesh
- Dr. M. Ram Mohan Rao, Asst. Professor, Dept. of Mechanical Engineering, GIT, GITAM University, Visakhapatnam

Research scholars Pursuing:

- Mr. Nadimpalli Chaintanya, Raghu Engineering College, Visakhapatnam
- Mr. P.R.K. Narsimhacharyulu, Mechanical Industry, Visakhapatnam
- Mrs. Kavita, Asst. Professor, Dept. of Mechanical Engineering, PVPSIT, Vijayawada
- Mr. P.R.P. Apparao, M/s RVR Constructions, Visakhapatnam
- Mr. Yarlagadda Venu Babu, HOD-Mechanical Engineering ,Chirala Engineering College

PG Students:

	Manoj Kumar Sahu, Infotech, Hyderabad "Design & analysis of Constrained layer damping"
2001-03	J. Uma Maheswara Rao, GITAM University
2001-03	"Static and Dynamic analysis of cam & follower mechanism"
	Ch. V.M. Prasad, Gayatri Vidya Parishad
	"Automatic generation of design data and analysis of a spur gear"
	Ch. V.R.S.P. Somayaji, Infotech, Hyderabad "Analytical investigations on axial clearance in steam turbine"
2002-04	Jagadeesh,Honeywell,Pune
	"Design and analysis of motor flange"
	G. Bhanukiran, GITAM University
2003-05	Design and analysis of Isotropic and composite shell structure for under water applications"
2003-03	G. Madhu, Software, Bangalore
	"Design and analysis of telfer"
	T. Saraswathi, HAL, Bangalore
	"Optimum design of filament wound multy-layer submersible pressure hull"
2004-06	M.Siva Satyanarayana "Error analysis of involute spur gears using finate element method"
	I.Deepthi Ganesh,USA
	"Design and analysis of Pressure vessel "
	M.Santosh Kumar
2006-08	"NSGA based algorithms for design optimization of composite structures"
2000-00	Veera Raju Maddela
	"Study and CFD analysis of a Carburetor venture"
2007-09	Srinivasa Rao M
	"Design and analysis of gearing systems for cone crusher"
	Chaitanya Panidapu "Davien and Analysis of Turking hlades using FEA"
2008-10	"Design and Analysis of Turbine blades using FEA" VELAGATLA DURGA VANI
	"Studies of engine foundation for optimization of vibration damping treatment"
2009-11	Narashimamurthy Tammineni
	"Rotor Dynamic Considerations in refurbishing Turbo Machinery"
2010-12	J R Ravi kiran Kopelli
	"Design, Mathematical Modeling and controls of an Autonomous Under water vehicle"
	G.Sunil
2012-14	"Design and dynamic analysis of acounstic transducer with hyper elastic"
2012 14	B.S.S.Harinadh
	"Modelling and analysis of acounstic transducer with polyurethane material"
	Gopa Dinesh Reddy
	"Design and analysis of transducer "
2013-15	Kombathula Joseph Noel "Fatigue analysis of FRP composites"
	M.Manoj "Design and Analysis of FRP Composites"
	Manish Yadav
	"Static and Vibration analysis of Machinery Test bed"
	Chintada Hema Sree
	"Static analysis of Hyper Elastic Material"
	Y. Sudhakar
2014-16	"Vibration analysis of Steel component"
	Chikkala S V Vamsi Chaitanya
	"Static analysis of Steel component"
	Chinnam Pranay Babu "Static and vibration analysis of Electic material"
	"Static and vibration analysis of Elastic material"

	Eddam Venkata Kiran "Noise prediction of Marine propeller using computational fluid dynamics and acoustic analysis" V. Harish Kumar "Modelling and analysis of double stage raft mounting"
2015-17	Aman Chauhan "Modelling and analysis of Topman emergency escape system in a land drilling rig"
	Vegi Varun "Modelling analysis and simulation of 120 KG capacity of pneumatic mount with different air pressures"
2016-18	B. Manoj "Propeller Noise Control by Geometrical Modification"
	D. Kiran Kumar "Hyperelastic Material"
	M. Monica Sree "Structural Analysis of isotropic pressure hull under external hydraulic pressure"
	K. Jayasree "Buckling Analysis of Composite Pressure hull"

Awarded : 35 M.Tech Students 04 M.Tech Students (Pursuing)

Persons who are familiar with the Applicant's work:

- Dr.V.Bhujanga Rao, DG (Naval Systems & Materials), DRDO, New Delhi
- Dr. K. Ramji, Vice-Chancellor, Dr. B.R. Ambedkar University, Srikakulam

PUBLICATIONS:

Monographs:

- 1. *Marine Propeller Noise Control (Modelling and Analysis)* published by Lambert Academic Publications, Germany, ISBN No. 978-613-9-86317-4, 2018
- 2. Buckling Analysis of composite Pressure Hull (MATLAB and ANSYS), published by Lambert Academic Publications, Germany, ISBN No. 978-613-9-90544-7, 2018

International Journals

S.No.	Title	Authors	Journal Name	Volumes/ Page	Indexed in (Scopus / Indian citation index)	Year
1	Dynamic Analysis of	Dr M R S Satyanarayana	Elsevier:			
	Elastomers	M Rama Mohan Rao, Dr V.V.S.Bhaskara Raju Y.Venubabu	Journal of Materials today		Scopus	2018
2	Diagnosis of Misalignment in Overhung Rotor using the K-S Statistic and A ² Test	Dr. M R S Satyanarayana G Diwakar P. Ravi Kumar	Springer: Journal of The Institution of Engineers (India)	ISSN 2250- 0545 DOI 10.1007/s40 032-017- 0347-0	ICI	2017
3	Effect of Zinc Oxide nanoparticle fuel additive on the emission reduction of a hydrogen dual- fuelled engine with jatropha methylester	Dr. M.R.S. Satyanarayana Syed Javed Dr. Y.V.V.S.N. Murthy Dr.R. Rajeswara Reddy K. Rajagopal	Journal pf Cleaner Production	Vol 137, pp490-506	Scopus	2016

	biodiesel blends					
4	Biodiesel reduction from degummed jatropha curcas oil using constant temperature ultrasonic water bath	Dr. M.R.S. Satyanarayana Dr. Y.V.V.S.N. Murthy	Energy Sources, Part A: Recovery, Utilisation, and environment	Vol. 38 (17):1556- 7036 SCI pp2610- 2616	Scopus	2016
5	Transesterification of Degummed Jatropha curcas Oil Using Tri- potassium Phosphate as Base Catalyst	M. R. S. Satyanarayana Y. V. V. Satyanarayana Murthy Rajeswara R. Resapu Ramakrishna Jogi	Int. J. Chemical Reactor Engineering 2015	DOI 10.1515/ijcr e- 2015 - 00004	Scopus	2015
6	Efficient Fault Detection using Support vector machine based hybrid expert system	M. R. S. Satyanarayana Buddha Kishore K. Sujatha	Springer- International Journal of System Assurance and Management (IF-0.640)	DOI 10.1007/s13 198- 014-0281-y	ICI	2014
7	Effect of Boundary Conditions on Free Vibration Analysis of Thick Fiber Reinforced Plastic Skew Laminate with Circular Cutout	M. R. S. Satyanarayana K. Srividya, V. Bala Krishna Murthy,	International Journal Of Engineering Sciences & Research Technology	Vol 3(6) pp 292-297	ICI	2014
8	An Experimental Simulation to validate FEM to predict Transverse Young's Modulus of FRP Composites	M. R. S. Satyanarayana, V. S. Sai, V. B. K. Murthy, G. S. Rao, A. S. Prasad	Advances in Materials Science and Engineering	Volume 2013, Article ID ID:648527	Scopus	2013
9	Adaptive Particle swarm optimization with Neural Network for Machinery Fault Detection	M.R.S.Satyanarayana, B. Kishore, K.Sujatha	International Journal of SOFT Computing and Engineering (IJSCE) (IF- 1.0)	ISSN :2231- 2307.Vol. 3,Issue- 4	ICI	2013
10	Adaptive Genetic Algorithm with Neural Network for Machinery Fault Detection	M.R.S.Satyanarayana, B. Kishore, K.Sujatha	International Journals of Advances in Engineering &Technology(I JAET) (IF- 0.86)	ISSN :2231- 1963.Vol. 6,Issue- 4	ICI	2013
11	Mechanical properties of hybrid elliptical fiber reinforced lamina with equal fiber volume fractions	MRS Satyanarayana V. Srinivasa Sai , V. Bala Krishna Murthy, G. Sambasiva Rao	International Journal Current Engineering and Technology (IJCET)	Vol. 3(1), ISSN 2277- 4106, pp. 102-107	ICI	2013
12	Effect of geometric parameters on free vibration analysis of thick fiber reinforced plastic (FRP) skew cross- ply laminate with circular cutout	M. R. S. Satyanarayana V. Bala Krishna Murthy, K. Srividya, G. Sambasiva Rao	International Journal of the Physical Sciences (IJPS)	Vol. 8(7), ISSN 1992 - 1950 pp. 264-271	ICI	2013

13 Effect of fiber size on elastic constants of hybrid elliptical fiber reinforced lamina M. R. S. Satyanarayana V. Srinivasa Sai V. Bala Krishna Murthy G. Sambasiva Rao International Journal of Hybrid elliptical fiber reinforced lamina for in- plane transverse load Vol. 8(21), pp. 1161- Physical V. Bala Krishna Murthy G. Sambasiva Rao International Journal of Hybrid elliptical fiber reinforced lamina for in- plane transverse load Vol. 7 (1), U. Sinivasa Sai V. Bala Krishna Murthy G. Sambasiva Rao Vol. 7 (1), Journal of Hybrid elliptical fiber reinforced lamina for in- plane transverse load Vol. 7 (1), U. Sinivasa Sai V. Bala Krishna Murthy G. Sambasiva Rao Vol. 7 (1), Journal of Lournal of Hybrid elliptical fiber Reinforced Lamina with Equal Fiber Volume Fractions Vol. 3, No.1 P 102-107 Pol.3, No.1 P 102-107 16 Detection of Gear fault using vibration analysis Dr. M R S Satyanarayana G Diwakar International Journal of P. Ravi Kumar ISSN 2250- Journal of 2459 ICI 17 Detection of Gear ratio and current consumption using Motor current signature analysis Dr. M R S Satyanarayana G Diwakar International Journal of Vol. 3(2), pp. 643-652 Scopus and Advanced 18 Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse load M. R. S. Satyanarayana V. Srinivasa Sai, V. Sinivasa Sai, V. Sini	2013 2013 2013 2013 2012
hybrid elliptical fiber reinforced laminaV. Bala Krishna Murthy G. Sambasiva RaoPhysical SciencesI. 1165,ICI14Prediction of Micromechanical behavior of hybrid elliptical fiber reinforced lamina for in- plane transverse loadM. R. S. Satyanarayana V. Bala Krishna Murthy G. Sambasiva RaoInternational Journal of Mathematical Sciences and Engineering applications (IJMSEA)Vol. 7 (1), ISSN 0973- 9424 pp. 91-10015Mechanical Properties of Hybrid Elliptical Fiber Reinforced Lamina with Equal Fiber Volume FractionsM. R. S. Satyanarayana V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of Current Engineering and TechnologyVol.3, No.1 Pp 102-107ICI16Detection of Gear fault using vibration analysisDr. M R S Satyanarayana G Diwakar P. Ravi KumarInternational Journal of Emerging Technology and Advanced Engineering and current signature analysisISSN 2250- 2459 2459ICI17Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G Diwakar MVH Satish KumarInternational Journal of MChanical Engineering and Dornal of Using and Current Signature analysisSciencesISSN 0976- 6340 Vol. 3(2), pp. 643-652 and Scopus and Current Sinivasa Sai, UVH Satish KumarInternational Journal of MChanical Engineering and Vol.5 (IV), ISSN 0974- research & Industrial applications (IJERIA)Vol.5 (IV), ISSN 0974- ISSN 0974- ISSN 0974- ISSN 0974- ISSN 0974- ISSN 0	2013
elliptical fiber reinforced laminaG. Sambasiva RaoSciences14Prediction of Micromechanical behavior of hybrid elliptical fiber reinforced lamina for in- plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai V. Bala Krishna Murthy G. Sambasiva RaoInternational Journal of Mathematical Sciences and Benjications (IJMSEA)Vol. 7 (1), ISSN 0973- 9424 Sciences and Engineering applications (IJMSEA)15Mechanical Properties of Hybrid Elliptical Fiber Reinforced Lamina with Equal Fiber Volume FractionsM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of Current Engineering and TechnologyVol.3, No.1 Pp 102-10716Detection of Gear fault using vibration analysisDr. M R S Satyanarayana G Diwakar P. Ravi KumarInternational Journal of Technology and Advanced Engineering and TechnologyISSN 0250- 2459 Vol. 2(9), pp. 123-137ICI17Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G Diwakar MVH Satish KumarInternational Journal of Mchanical Engineering and TechnologyISSN 0976- 6340 Vol. 3(2), pp. 643-652Scopus18Prediction of interfacial amina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Sinivasa Sai, WH Satishna Murthy, G. Sambasiva RaoInternational Journal of Mchanical Engineering and International Journal of Vol.5 (IV), engineering engineering and TechnologyScopus	2013
14 Prediction of Micromechanical behavior of hybrid elliptical fiber reinforced lamina for in- plane transverse load M. R. S. Satyanarayana V. Srinivasa Sai V. Bala Krishna Murthy G. Sambasiva Rao International Journal of Begineering applications (IJMSEA) Vol. 7 (1), ISSN 0973- 9424 15 Mechanical Properties of Hybrid Elliptical Fiber Reinforced Lamina with Equal Fiber Volume Fractions M. R. S. Satyanarayana V. Srinivasa Sai, V. Srinivasa Sai, V. Sinivasa Sai, V. Sinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva Rao International Journal of Current Engineering and Technology Vol. 3, No.1 16 Detection of Gear fault using vibration analysis Dr. M R S Satyanarayana G Diwakar P. Ravi Kumar International Journal of Current Engineering and Technology ISSN 2250- 2459 ICI 17 Detection of Gear ratio and current consumption using Motor current signature analysis Dr. M R S Satyanarayana G Diwakar NVH Satish Kumar International Journal of Biwakar MVH Satish Kumar ISSN 0976- Vol. 3(2), pp. 643-652 Scopus 18 Prediction of interfacial lamina subjected to out- of-plane transverse load M. R. S. Satyanarayana V. Srinivasa Sai, V. Sala Krishna Murthy, G. Sambasiva Rao International Journal of Biwakar Journal of Productional Signature analysis Scopus Productional Signature analysis Scopus Productional Signature analysis International Journal of Productional Signature analysis International Journal of Productional Signature analysis International Signature Productional S	2013
Micromechanical behavior of hybrid elliptical fiber reinforced lamina for in- plane transverse loadV. Srinivasa Sai V. Bala Krishna Murthy G. Sambasiva RaoJournal of Mathematical Sciences and Engineering and TechnologyISSN 0973- 9424 pp. 91-100ICI15Mechanical Properties of Hybrid Elliptical Fiber Reinforced Lamina with Equal Fiber Volume FractionsM. R. S. Satyanarayana V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of Current Engineering and TechnologyVol.3, No.1 Pp 102-107ICI16Detection of Gear fault using vibration analysisDr. M R S Satyanarayana G Diwakar P. Ravi KumarInternational Journal of P. Ravi KumarISSN 2250- 2459ICI17Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G Diwakar MVH Satish KumarInternational Journal of MVH Satish KumarISSN 0976- 6340 Vol. 3(2), pp. 643-652ICI18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Sala Krishna Murthy, G. Sambasiva RaoInternational Journal of MCH Satish KumarSocience P. Ravi KumarISSN 0976- Gi Sambasiva Rao18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Sala Krishna Murthy, G. Sambasiva RaoInternational Journal of MCH Satyanarayana Journal of MCH Satyanarayana P. 71-81Vol.5 (IV), ISSN 09	2013
behavior of hybrid elliptical fiber reinforced lamina for in - plane transverse loadV. Bala Krishna Murthy G. Sambasiva RaoMathematical Sciences and Engineering applications (IIMSEA)9424 pp. 91-100ICI15Mechanical Properties of Hybrid Elliptical Fiber Reinforced Lamina with Equal Fiber Volume FractionsM. R. S. Satyanarayana V. Srinivasa Sai, O. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of Current Engineering and TechnologyVol.3, No.1 	2013
elliptical fiber reinforced lamina for in- plane transverse loadG. Sambasiva RaoSciences and Engineering applications (IJMSEA)pp. 91-100ICI15Mechanical Properties of Hybrid Elliptical Fiber Reinforced Lamina with Equal Fiber Volume FractionsM. R. S. Satyanarayana V. Sninvasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of Current Engineering and TechnologyVol.3, No.1 Pp 102-107ICI16Detection of Gear fault using vibration analysisDr. M R S Satyanarayana G Diwakar MVH Satish KumarInternational Journal of Emerging Vol. 2(9), P. 123-137ISSN 0250- 2459 P. 123-137ICI17Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G Diwakar MVH Satish KumarInternational Journal of Emerging MVH Satish KumarISSN 0976- 6340ICI18Prediction of interfacial lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of engineering and Journal of Motor current Signature analysisScopus P. 643-65218Prediction of interfacial lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Sinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of engineering and TechnologyScopus P. 71-8118Prediction of interfacial lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Sinivasa Sai, V. Bala Krishna Mur	2013
lamina for in- plane transverse loadEngineering applications (IJMSEA)Engineering applications (IJMSEA)15Mechanical Properties of Hybrid Elliptical Fiber Reinforced Lamina with Equal Fiber Volume FractionsM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of Current Engineering and TechnologyVol.3, No.1 Pp 102-107ICI16Detection of Gear fault using vibration analysisDr. M R S Satyanarayana G Diwakar P. Ravi KumarInternational Journal of P. Ravi KumarISSN 2250- 2459 Emerging Technology and Advanced Engineering and using Motor current signature analysisDr. M R S Satyanarayana G Diwakar MVH Satish KumarInternational Journal of Biowakar MVH Satish KumarISSN 0976- 6340 Mechanical Engineering and Journal of Heating ScopusICI18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Sinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoJournal of research & International Journal of engineering and TechnologyScopus18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Sinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of engineering research & Instantional Journal of engineering research & Instantional Journal of engineering research & Instantional Journal of engineering P	2013
transverse loadapplications (IJMSEA)15Mechanical Properties of Hybrid Elliptical Fiber Reinforced Lamina with Equal Fiber Volume FractionsM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of Current Engineering and TechnologyVol.3, No.1 Pp 102-10716Detection of Gear fault using vibration analysisDr. M R S Satyanarayana G Diwakar P. Ravi KumarInternational Journal of Emerging TechnologyISSN 2250- 2459 Vol. 2(9), pp. 123-137ICI17Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G Diwakar MVH Satish KumarInternational Journal of Benerging Mol. 2(9), pp. 123-137ICI18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana M. R. S. Satyanarayana (J. Sambasiva RaoInternational Journal of Mechanical Engineering and Journal of Heranical ScopusScopus P. 643-65218Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana (J. Sambasiva RaoInternational Journal of Heranical Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of Heranical Bala Krishna Murthy, P. 71-81Scopus P. 71-81	
Image: constraint of the second stress of the second str	
15Mechanical Properties of Hybrid Elliptical Fiber Reinforced Lamina with Equal Fiber Volume FractionsM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of Current Engineering and TechnologyVol.3, No.1 Pp 102-107ICI16Detection of Gear fault using vibration analysisDr. M R S Satyanarayana G Diwakar P. Ravi KumarInternational Journal of Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G Diwakar MVH Satish KumarInternational Journal of Journal of Emerging Technology and Advanced EngineeringISSN 0976- 6340 Vol. 3(2), pp. 643-652ICI18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana Or. Sambasiva RaoInternational Journal of Muther Journal of Sambasiva RaoVol.5 (IV), engineering and Journal of Journal of ScopusVol.5 (IV), engineering and TechnologyInternational Journal of Bala Krishna Murthy, engineering and TechnologyInternational ISSN 0976- Journal of Bala Krishna Murthy, engineering and TechnologyInternational Journal of Bala Krishna Murthy, engineering and TechnologyICI18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana Sambasiva RaoInternational Journal of Bala Krishna Murthy, engineering eresearch & IDISN 0974- research & I	
Hybrid Elliptical Fiber Reinforced Lamina with Equal Fiber Volume FractionsV. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoJournal Of Current Engineering and TechnologyPp 102-107 Uurnent Engineering and TechnologyICI16Detection of Gear fault using vibration analysisDr. M R S Satyanarayana G Diwakar P. Ravi KumarInternational Journal of Journal of Journal of Journal of Emerging Technology and Advanced EngineeringISSN 2250- 2459 Vol. 2(9), pp. 123-137ICI17Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G Diwakar MVH Satish KumarInternational Journal of Mechanical Engineering and MVH Satish KumarISSN 0976- 6340ICI18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of MINHARDAN Journal of engineering research & Listin applications (IJERIA)Vol.5 (IV), ISSN 0974- ISSN 0974- ISS	
Reinforced Lamina with Equal Fiber Volume FractionsV. Bala Krishna Murthy, G. Sambasiva RaoCurrent Engineering and TechnologyICI16Detection of Gear fault using vibration analysisDr. M R S Satyanarayana G Diwakar P. Ravi KumarInternational Journal of Engineering and Advanced EngineeringISSN 2250- 2459 Vol. 2(9), pp. 123-137ICI17Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G Diwakar MVH Satish KumarInternational Journal of MVH Satish KumarISSN 0976- 6340 Vol. 3(2), pp. 643-652ICI18Prediction of interfacial elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of engineering and International Journal of Industrial applications (IJERIA)Vol.5 (IV), pp. 71-81ICI	
Equal Fiber Volume FractionsG. Sambasiva RaoEngineering and TechnologyItcl16Detection of Gear fault using vibration analysisDr. M R S Satyanarayana G Diwakar P. Ravi KumarInternational Journal of Emerging and Advanced EngineeringISSN 2250- 2459 P. 245917Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G DiwakarInternational Journal of Emerging and Advanced EngineeringISSN 0976- 6340 Vol. 2(9), pp. 123-137ICI18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of Hothan Signature analysisScopus18Prediction of interfacial at mina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of Hothan SignatureVol.5 (IV), P. 71-81 applications (IJERIA)ICI	
Fractionsand Technology16Detection of Gear fault using vibration analysisDr. M R S Satyanarayana G Diwakar P. Ravi KumarInternational Journal of Emerging and Advanced EngineeringISSN 2250- 2459 p. 001.2(9), pp. 123-13717Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G DiwakarInternational Journal of Journal of Journal of Journal of MVH Satish KumarISSN 0976- 6340 Vol. 3(2), pp. 643-652ICI18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Sinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of engineering research & ISSN 0974- ISSN 0974-	2012
16Detection of Gear fault using vibration analysisDr. M R S Satyanarayana G Diwakar P. Ravi KumarInternational Journal of Emerging and Advanced EngineeringISSN 2250- 2459 Vol. 2(9), pp. 123-137ICI17Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G DiwakarInternational Journal of Bound Advanced EngineeringISSN 0976- 6340 Vol. 3(2), pp. 643-652 and TechnologyICI18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Sambasiva RaoInternational Journal of Wol. 3(2), pp. 643-652 and Journal of Vol. 5 (IV), engineering ISSN 0974- research & 1518 Industrial applications (IJERIA)ICI	2012
using vibration analysisG Diwakar P. Ravi KumarJournal of Emerging Technology and Advanced Engineering2459 Vol. 2(9), pp. 123-137ICI17Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G Diwakar MVH Satish KumarInternational Journal of Mechanical EngineeringISSN 0976- 6340 Vol. 3(2), pp. 643-652 and TechnologyScopus18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of Wol.5 (IV), engineering research & I518 Industrial applications (IJERIA)Vol.5 (IV), P. 71-81	2012
P. Ravi KumarEmerging Technology and Advanced EngineeringVol. 2(9), pp. 123-137ICI17Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G DiwakarInternational Journal MVH Satish KumarISSN 0976- 6340 Vol. 3(2), Engineering and TechnologyScopus18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced I amina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Sambasiva RaoInternational Journal of Wechanical Journal of Vol. 3(2), Engineering and TechnologyScopus18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced I amina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Sambasiva RaoInternational Journal of engineering research & 1518 Industrial applications (IJERIA)Vol.5 (IV), ISN 0974- research & 1518 ICI	2012
Technology and Advanced Engineeringpp. 123-137ICI17Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G DiwakarInternational Journal of MVH Satish KumarISSN 0976- 6340 Vol. 3(2), pp. 643-652Scopus18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of Mechanical Journal of Vol.5 (IV), engineering research & 1518 Industrial applications (IJERIA)ICI	2012
17Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G Diwakar MVH Satish KumarInternational Journal Mechanical and Journal JournalISSN 0976- 6340 Vol. 3(2), pp. 643-652Scopus18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of Hermitical ScopusVol.5 (IV), engineering ISSN 0974- ISSN	2012
Image: 17Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G DiwakarInternational Journal MVH Satish KumarISSN 0976- 6340 Vol. 3(2), pp. 643-652 and TechnologyScopus18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of mechanical Uniternational Journal of Vol.5 (IV), engineering research & 1518 applications (IJERIA)Vol.5 (IV), pp. 71-81 applications	
17Detection of Gear ratio and current consumption using Motor current signature analysisDr. M R S Satyanarayana G Diwakar MVH Satish KumarInternational Journal Mechanical and International Journal Mechanical engineering and TechnologyISSN 0976- 6340 Vol. 3(2), pp. 643-652Scopus18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of vol.5 (IV), engineering research & 1518 applications (IJERIA)Vol.5 (IV), pp. 71-81	
and current consumption using Motor current signature analysisG Diwakar MVH Satish KumarJournal Mechanical Engineering and Technology6340 Vol. 3(2), pp. 643-652Scopus18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of engineering research & ISSN 0974- research & ISSN 097	
using Motor current signature analysisMVH Satish KumarMechanical Engineering and TechnologyVol. 3(2), pp. 643-652Scopus18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of research & ISSN 0974- research & ISSN 0974- ISSN 0974- research & ISSN 0974- ISSN 0974- <b< td=""><td></td></b<>	
signature analysisEngineering and Technologypp. 643-652Scopuls18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of research & ISSN 0974- research & ISSN 0974- research & Industrial applications (IJERIA)Scopuls	
18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of research & 1518Vol.5 (IV), ISSN 0974- research & 1518Image: Industrial applications (IJERIA)Prediction of interfacial stresses in a hybrid elliptical fiber reinforced Industrial applications (IJERIA)Technology	2012
18Prediction of interfacial stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse loadM. R. S. Satyanarayana V. Srinivasa Sai, V. Bala Krishna Murthy, G. Sambasiva RaoInternational Journal of research & Industrial applications (IJERIA)Vol.5 (IV), ISSN 0974- pp. 71-81	
stresses in a hybrid elliptical fiber reinforced lamina subjected to out- of-plane transverse load UNDERIMENTIAL STRESS Sai, V. Srinivasa Sai, V. Srinivasa Sai, V. Bala Krishna Murthy, B. Bala Krishna Murthy, G. Sambasiva Rao G. Sambasiva Rao UNDERIMENTIAL STRESS Sai, V. Bala Krishna Murthy, B. Bala Krishna Murthy, B	
elliptical fiber reinforced lamina subjected to out- of-plane transverse loadV. Bala Krishna Murthy, G. Sambasiva Raoengineering research & Industrial applications (IJERIA)ISSN 0974- 1518	
lamina subjected to out- of-plane transverse loadG. Sambasiva Raoresearch & 1518 Industrial applications (IJERIA)ICI	
of-plane transverse load Industrial pp. 71-81 applications (IJERIA)	
applications (IJERIA)	2012
(IJERIA)	2012
10 Determination of Dr. M. D. S. Saturarayana, International Vol 2	
Unbalance in RotatingG. DiwakarJournal ofIssue.5,	
Machine Using B. Kiran Kumar Modern ISSN: ICI	
Vibration Signature Engineering 2249-6645	2012
AnalysisResearchpp-3415-(IJMER)3421	
20 Determination Of Dr. M. R. S. Satynarayana International Vol. 1 Issue	
Misalignment Using G. Diwakar, Journal of 8,	
Motor Current Signatura K Vankata Siya rao Engineering ISSN:	
Analysis In Rotating IICI IICI	2012
Machine Technology	
(IJERT)	
21 Detection of Unbalance Dr. M.R.S. Satyanarayana IOSR Journal Vol. 3 Issue	
in Rotating Machines Md. Abdul Saleem of Mechanical 3, Using Sheft Deflection C. Diversion and Civil	1
Using Shaft DeflectionG. Diwakarand CivilISSN:ICIMeasurement during ItsEngineering2278-1684	
Operation (IOSR-JMCE) PP 08-20	2012
22 Effect of stacking M.R.S. Satyanarayana, K. International	2012
sequence on free Srividya, Journal of Vol. 1 Issue	2012
vibration analysis of V. Bala Krishna Murthy, Engineering 7, ICI	2012
thick FRP skew specially G.Sambasiva Rao Research & ISSN:	2012
orthotropic laminate with Technology 2278-0181	2012
circular cutout (IJERT)	

22	Intelligent Condition	M.D.C.Cotronomore	International			
23	Intelligent Condition	M.R.S.Satyanarayana		X7 1 1 X		
	Monitoring of	B.Kishore, K.Sujatha	Journal of	Vol. 1 Issue		
	AIRBLOWER		Engineering	6,	ICI	2012
	using Artificial Neural		Research &	ISSN:		2012
	Network with Genetic		Technology	2278-0181		
	Algorithm		(IJERT)			
24	Vibration monitoring of	Dr. M R S Satyanarayana,	International	ISSN:		
	crusher in Coal Handling	G Venu Padmavathi,	Journal of	0975-5462		
	Plant of Dr. NTTPS	G DIWAKAR,	Engineering	Vol.3 No.8	ICI	
			Science and		101	2011
			Technology(IJ			
			EST)			
25	Damping behavior of	Dr. M.R.S. Satyanarayana,	International	ISSN 0974-		
	AlSi7Mg/SiCp	D. Siva Prasad	Journal on	231X,		
	composites	Dr. A. Ramakrishna	Mechanicals &	Vol.12	ICI	
	-		Automobile	No.1	ICI	2011
			Engineering			
			(IJMAE)			
26	Prediction of	MRS Satyanarayana	International			
	micromechanical	V. Srinivasa Sai, V. Bala	Journal of	Vol.5 No.2	C	
	behavior of Hybrid	Krishna Murthy,	Applied	pp. 293-304	Scopus –	
	elliptical Fibre reinforced	G. Sambasiva Rao and P.	Engineering	11	2011 -	2010
	lamina For	Phani Prasanthi	Research(IJAE		2017	
	longitudinal Load		R)			
27	Dynamic Response of	M.R.S. Satyanarayana,	SAE	1416		
	Cam- Follower	Rao V. Dukkipati	International		Scopus	2009
	Mechanism	1			1	
28	Free vibration analysis of	M.R.S. Satyanarayana K.	International			
	thick skew composite	Srividya,	Journal of	Vol.3,no.12	~	
	plate with a circular cut	V. Bala Krishna Murthy,	Applied	pp. 1697-	Scopus –	
	out	G. Sambasiva Rao	Engineering	1703	2011 -	2008
		K. Mohana Rao	Research(IJAE	1,05	2017	2000
		is infolialita isati	R)			
29	Experimental Frequency		SAE			
	Analysis of Tapered Thin	M.R.S. Satyanarayana,	International			
1	Walled Beams of Open	Rao V. Dukkipati	international	1373		
	Section resting on	Tuo . Dunniputi		1373	Scopus	
	Continuous Elastic					2008
1	Foundation					
	roulluation	l				

National Journals

01	Diagnosis of Misalignment in Overhung Rotor using the K-S Statistic and A ² Test	Rama Satya Satyanarayana Munukurthi Diwakar Garikapati RaviKumar Pacharu	Journal of Institution of Engineers	Series C pp 1–8	ICI	2017
02	Performance and evaluation of single cylinder DI Diesel engine using solar generated steam with fungmia methyl ester	Dr. M.R.S. Satyanarayana Dr. YVVSSN Murthy	Indian Journal of science and Technology	Vol.1 No.1	Scopu s 2012- 2016	2011

03	Free Vibration Analysis of A Thick Five- layered angle ply Skew Frp Composite Plate with A Circular Cutout	M.R.S. Satyanarayana K. Srividya V. Bala Krishna Murthy G. Sambasiva Rao	ANU Journal of Engineering and Technology	Vol. 3 No.1 &2, ISSN :0976-3414	ICI	2011
03	Free Vibration Analysis of A Thick three- layered Skew Frp Composite Plate with A Circular Cutout	M.R.S. Satyanarayana K. Srividya V. Bala Krishna Murthy G. Sambasiva Rao	ANU Journal of Engineering and Technology	Vol. 1 No.1,	ICI	2009
04	Optimum Design of Multi-layer Submersible Sandwich Pressure Hull	Dr. RSS Munukurthi, S. Talatam	Journal of Institution of Engineers	Vol 89 pp 1-8	ICI	2008
05	Analysis of axial clearance of steam turbine using axisymmetric strip model	Dr. M.R.S. Satyanarayana, Ch. V.R.S.P. Somayaji	Journal of Institution of Engineers	Vol.88	ICI	2007
06	Trajectory tracking control of flexible manipulators Using inverse dynamic analysis	M R S Satyanarana, M.A. Rao, J Srinivas	Journal of Institution of Engineers	Vol 87	ICI	2006
07	Torsional Behavior of Tapered Cantilever beam using Finite Element Analysis	M.R.S.Satyanarayana, Dr. M. Ananda Rao	Journal of Acoustical society of India	Vol. XXVI (384),	ICI	1998
08	Condition monitoring and diagnostic studies of slurry Pumps	M.R.S.Satyanarayana, Dr. M. Ananda Rao	Journal of Acoustical Society of India	Vol.XXV,	ICI	1997

PEER REVIEWED CONFERENCE PAPERS:

a) International conferences

S. No.	Title	Journal Name	Year
1.	Fault Detection and Classification of Rotating Machinery using Hybrid Expert Systems through pattern recognition approach	International Conference on Condition Monitoring (ICCM 2014)	2014
2.	Free Vibration Analysis of A Skew angle- ply FRP Composite Plate with A Circular Cutout	International conference on Applications and Design in Mechanical Engineering (ICADME), Penang, Malaysia	2012
3.	Knock detection in single cylinder DI- diesel Engine using vibration signature analysis	International conference on condition monitoring	2011

4.	Rotor Dynamic Considerations in Refurbishing Turbo machinery	International conference on condition monitoring	2011
5.	Condition monitoring of crusher in coal handling plant of Dr NT Thermal Power station	International conference on multi body dynamics	2011
6.	Free Vibration Analysis of A Skew angle- ply FRP Composite Plate with A Circular Cutout	International conference on multi body dynamics	2011
7.	Detection of Bearing Fault using Motor Current Signature Analysis	International conference on multi body dynamics	2011
8.	Prediction of Mechanical Properties of Hybrid elliptical fiber reinforced Lamina	International Conference on Futuristic Trends in Materials and Energy systems	2011
9.	Condition Monitoring of system using vibration analysis for BCW PUMP in VTPS	International Conference on Digital Factory	2008
10.	Frequency Analysis Of Tapered Thin- Walled Beams Of Open Section Resting On Continuous Elastic Foundation	International Conference on Vibration Engineering and Technology of Machinery (VETOMAC-IV)	2007
11.	Coupled fluid-structure interaction analysis of a ring stiffened cylindrical shell subjected to underwater explosion	International conference on Computational Mechanics and simulation- IIT-Gauwathi	2006
12.	Analysis and optimization of number of teeth on Involute gear	International conference on Total Engineering, Analysis and manufacturing Technologies at Indian Institute of science, Ban galore	2006
13.	Design and analysis of Truncated conical structures for underwater application made of isotropic and composite materials	International conference on advances in structural dynamics and its applications	2005
14.	Condition monitoring of air blower using artificial neural network	International conference on advances in structural dynamics and its applications	2005

a) National conferences

S. No.	Title	Journal Name	Year
1.	Experimental Study and Analysis of Crushing Erosion Wear of Manganese Material on Heavy duty Cone Crusher	National Conference on Materials & Manufacturing (NCMM 2017), Dept. of ME, GIT, GITAM Deemed to be University, Visakhapatnam	2017
2.	Characterization of Hyper Elastic Materials	National Conference on Materials & Manufacturing (NCMM 2017), Dept. of ME, GIT, GITAM Deemed to be University, Visakhapatnam	2017
3.	Prediction of Mechanical Properties of Hybrid FRP Composite for Longitudinal Loading Using Micro Mechanical Approach	National Conference on Materials & Manufacturing (NCMM 2017), Dept. of ME, GIT, GITAM Deemed to be University, Visakhapatnam	2017
4.	Fault Detection and Classification of Rotating Machinery using Hybrid Expert Systems through pattern recognition approach	National Conference on Condition Monitoring 2014 organized by CVRDE, DRDO, Chennai	2014
5.	Harmonic analysis of acoustic transducers	National Conference on Condition Monitoring (NCCM), Bangalore	2013
6.	Detection of Misalignment in Overhung Rotor using Motor Current Signature Analysis	National Conference on Condition Monitoring	2013

7.	Intelligent condition monitoring of AIRBLOWER using hybrid Expert Systems	National Conference on Condition Monitoring (NCCM)	2013
8.	Particle Swarm Optimization Based Back propagation Neural Network Hybrid System For Fault Detection	National Conference on Condition Monitoring of Engineering Systems and Structures, (NCCM-2012)	2012
9.	Torsional and transfers vibrations of Rotor bearing system	National Symposium on Rotor Dynamics (NSRD- 2011), IIT-Madras	2011
10.	Condition monitoring of pedestal fan	National conference on condition monitoring	2009
11.	Condition monitoring of feed pump	National conference on condition monitoring	2009
12.	Feature selection for artificial neural networks using Genetic algorithms in Condition Monitoring	National conference on condition Monitoring, Visakhapatnam	2006
13.	Faulty diagnosis of Rotating machinery using Artificial Neural network	National symposium on Acoustics	2006
14.	Under Water Recovery system of a torpedo,	National symposium on Acoustics, National Physical Laboratory New Delhi	2006
15.	Machine Condition Monitoring and Diagnostics	National Level Workshop on CMMS at GITAM University, Visakhapatnam	2005
16.	Condition Monitoring of Air Blower	National Level Workshop on CMMS at GITAM University, Visakhapatnam	2005
17.	Analysis on axial clearance of Steam Turbine	Industrial Problems on Machines and Mechanisms IPROMM-2005, IIT Kharagpur	2005
18.	Automated Design and Finite Element Analysis of a Spur Gear	National conference at JNTU, Hyderabad	2004
19.	Response of undamped SDOF Cam Follower System	National Conference during at JNTU, Hyderabad National Seminar on Design	2004
20.	Dynamic Analysis of Motor Flange	Optimization and Condition Monitoring, Andhra University, Visakhapatnam	2004
21.	Simulation of Stationary Vehicle Vibrations	National seminar on Vehicle dynamics, Andhra University, Visakhapatnam	2003
22.	Condition Monitoring of Air Blower in Fertilizer Industry	National Convention of IIIE, Visakhapatnam	2003
23.	Mitigation of IC Engine Valve stem using artificial neural networks	National conference on "Instrumentation society of India at Visakhapatnam	2002
24.	Innovation in manufacturing for global competitiveness	33rd Engineers day celebrations	2000
25.	Recent strategies in failure diagnosis	National Workshop On role of condition monitoring in controlling noise pollution COMCON2K at A.U	2000