

RESUME

Name : Dr.G.Srinivasarao

Father's Name : Sri G.Ankamma

Date of Birth : 14-06-1969

Age : 54 years

Sex : Male

Nationality : Indian

Subject : Mechanical Engineering

Specialization : Production and Industrial Engineering

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Professional/ Technical Qualification

Degree	Year of Passing / Awarded	University/Institute	Class obtained
Ph.D.	2009	National Institute of Technology, Warangal,	
M.E. (Industrial Engineering)	1994	Andhra University, Visakhapatnam.	First
B.E.(Mechanical Engineering)	1990	Andhra University, Visakhapatnam.	First

Title of Ph.D. Thesis: Parametric studies in turning operations using Design of Experiments and Taguchi Techniques

Total experience : 28 years in teaching
: 2 years in Industry

Research Publications

International/National Journals : 56(N-8)

International/National Conferences: 41 (N-11)

Projects guided

B.Tech --- 27

M.Tech --- 09

No. of Ph.D.s guided ---- 06

Three students are Pursuing Ph.D.

Google scholar ID:

<https://scholar.google.com/citations?user=54Cs1AgAAAAJ&hl=en>

<https://www.scopus.com/authid/detail.uri?authorId=57222247220>

Web of Science Researcher ID is **ABG-8318-2020**.

<https://vidwan.inflibnet.ac.in/profile/183892>

List of publications

International/National Journals:

1. G. Srinivasa Rao , Usha Mukkamala, Harish Hanumanthappa, C. Durga Prasad, Hitesh Vasudev, Bharath Shanmugam, K. Ch. KishoreKumar (2023): Evaluating and optimizing surface roughness using genetic algorithm and artificial neural networks during turning of AISI 52100 steel International Journal on Interactive Design and Manufacturing (IJIDeM), <https://doi.org/10.1007/s12008-023-01549-5>
2. Syed Waheedullah Ghor, Gunji Srinivasa Rao & Ali A Rajhi (2022): Investigation of Physical, Mechanical Properties of Treated Date Palm Fibre and Kenaf Fibre Reinforced Epoxy Hybrid Composites, Journal of Natural Fibers, DOI: 10.1080/15440478.2022.2145406 (<https://doi.org/10.1080/15440478.2022.2145406>)
3. P Bharathi, **G Srinivasarao**, P Gopalakrishnaiah, ‘Multi-objective optimization in wire electric discharge machining of Ti–6Al–4v using grey relational analysis for square and circular profiles’, International Journal of Modeling, Simulation, and Scientific Computing(2022) 2250003 (14 pages)World Scientific Publishing Company, DOI: 10.1142/S1793962322500039
4. Mukkamala Usha, Gunji Srinivasa Rao, ‘Machining Aspects of Al₂O₃ Nano Cutting Fluids – A Comparative Study, Tribology in Industry, Vol. 44, No. 1 (2022) 1-15, DOI: 10.24874/ti.1032.12.20.03.
5. U.Gayatri, G.Srinivasarao, and M.Ramakrishna “Morphological Characterization of Chicken Feather Rachis, Neem Sawdust, and High Density Polyethylene (HDPE) Reinforced Composite Material” Annales de Chimie - Science des Matériaux Vol. 44, No. 6, December, 2020, pp. 399-406
6. A.Saravanbhavan , G. Srinivasa Rao “ Experimental Study on Machining Characteristics of Ti-6Al-4V using Wire-Cut EDM’ Solid State Technology Volume: 63 Issue: 5, pp. 1072-78
7. Syed Waheedullah Ghor, and G. Srinivasa Rao “Fiber Loading of Date Palm and Kenaf Reinforced Epoxy Composites: Tensile, Impact and Morphological Properties” Journal of Renewable Materials, 2021, vol.9, no.7 , pp:1283-92; DOI: 10.32604/jrm.2021.014987 (**Science Citation Index-Expanded**)
8. Ghor SW, Rao GS. “ Mechanical and thermal properties of date palm/ kenaf fiber-reinforced epoxy hybrid composites. Polymer Composites”. 2021;1–8. <https://doi.org/10.1002/pc.25971>
9. U.Gayatri, G.Srinivasarao, and M.Ramakrishna “Morphological Characterization of Chicken Feather Rachis, Neem Sawdust, and High Density Polyethylene (HDPE) Reinforced Composite Material” Annales de Chimie - Science des Matériaux Vol. 44, No. 6, December, 2020, pp. 399-406
10. A.Saravanbhavan , G. Srinivasa Rao “ Experimental Study on Machining Characteristics of Ti-6Al-4V using Wire-Cut EDM’ Solid State Technology Volume: 63 Issue: 5, pp. 1072-78
11. Usha.M and Srinivasarao Gunji “Comparison of Regression Model with Multi-layer Perceptron Model While Optimising Cutting Force Using Genetic Algorithm” Mathematical Modelling of Engineering Problems Vol. 7, No. 2 (2020) 265-72, <https://doi.org/10.18280/mmep.070213>

12. M.Usha and G.S.Rao “Optimization of Multiple Objectives by Genetic Algorithm for Turning of AISI 1040 Steel Using Al₂O₃ Nano Fluid with MQL”, Tribology in Industry Vol. 42, No. 1 (2020) 70-80, DOI: 10.24874/ti.2020.42.01.07.
13. M.Usha and G.Srinivasarao “Optimisation of Parameters in Turning Using Herbal Based Nano Cutting Fluid with MQL”, Materials Today: Proceedings Vol.22, Part.4 (2020) 1535–1544. <https://doi.org/10.1016/j.matpr.2020.02.115>
14. Siva Sankara Raju , G. Srinivasa Rao, Chitrasen Samantra , “Wear behavioral assessment of Al-CSAp-MMCs using grey-fuzzy approach”, Measurement, Vol 140, 2019, Page no: 254-268. (Publisher: Elsevier)(Indexed: SCI) DOI:[10.1016/j.measurement.2019.04.004](https://doi.org/10.1016/j.measurement.2019.04.004)
15. Gayatri Uppalapati, Srinivasarao Gunji, Ramakrishna Malkapuram. “Mechanical and thermal characterization of chicken feather rachis/ sawdust reinforced HDPE hybrid composite material” International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol.10(1), Feb 2020, Page no: 327-344. DOI: [10.24247/ijmpferdfeb202028](https://doi.org/10.24247/ijmpferdfeb202028)
16. R Siva Sankara Raju, M K Panigrahi, R I Ganguly, G Srinivasa Rao, “Tribological Behaviour On Al-Coconut Shell Ash Composite at Elevated Temperature”, Tribology International, 129, 2019, Page no: 55-66. (Publisher: Elsevier)(Indexed: SCI) DOI:[10.1016/j.triboint.2018.08.011](https://doi.org/10.1016/j.triboint.2018.08.011)
17. K.Sarah and G.Srinivasa Rao “Optimization for MRR, Surface roughness and cutting speed in WEDM of Ti-6Al-4V using GRA”, International Journal of Research, Vol VIII, Issue VI, June 2019, Page no: 3934-3941.
18. Gayatri Uppalapati, Srinivasarao Gunji, Ramakrishna Malkapuram. “Development and characterization of chicken feather rachis, sawdust and HDPE hybrid composite material” Revue des composites et des matériaux avancés – Vol.28(4)/2018, 509-528. DOI: [10.3166/rcma.28.509-528](https://doi.org/10.3166/rcma.28.509-528)
19. Siva Sankara Raju, G.Srinivasa Rao, and S.B.Venkata Siva, “Experimental studies of Mechanical properties and Tribological behavior of Aluminium Composite Reinforced With Coconut Shell Ash Particulates“, International Journal of Materials Engineering Innovation (IJMATEI), Vol 9(2), 2018, Page no: 140-157. DOI: [10.1504/IJMATEI.2018.093812](https://doi.org/10.1504/IJMATEI.2018.093812) (Publisher: Inderscience Publishers Ltd)(Indexed: SCOPUS)
20. R Siva Sankara Raju, M K Panigrahi, R I Ganguly, G Srinivasa Rao, “Optimization of Tribological Behaviour On Al-Coconut Shell Ash Composite at Elevated Temperature”, in IOP Conf. Series: Materials Science and Engineering, 314, 2018, 012009 DOI:[10.1088/1757-899X/314/1/012009](https://doi.org/10.1088/1757-899X/314/1/012009).(Indexed: SCOPUS)
21. **Srinivasarao G** and Suneel D. “Parametric optimization of WEDM on α - β titanium alloy using desirability approach” Materials Today: Proceedings 5 (2018) 7937-7946. (This paper presented in the “International Conference on Emerging Trends in Materials and Manufacturing Engineering (IMME2017)” during 10 – 12th March, 2017 at National Institute of Technology, Tiruchirappalli and secured **best paper of the session** for the poster presentation).
22. Siva Sankara Raju, **G. Srinivas Rao**, “Estimation of tribological performance of AL-CSA Composites Using RSM-GRG approach”, *VSRD International Journal of Mechanical, Civil, Automobile and Production Engineering*, Vol. VII Issue X, October 2017, Page no: 267-274.

23. R. Siva Sankara Raju, M. K. Panigrahi, R. I. Ganguly & **G. Srinivasa Rao** “Investigation of Tribological Behavior of a Novel Hybrid Composite Prepared with Al-Coconut Shell Ash Mixed with Graphite”, *Metallurgical and Materials Transactions A (Springer)*, 2017, Vol. 48A.No.8, August, Page no: 3892-3903
24. Siva Sankara Raju and **G. Srinivas Rao**, “ Assessment of Tribological performance of Coconut Shell Ash Particle Reinforced Al-Si-Fe Composites using Grey-Fuzzy Approach”, *Tribology in Industry*, Vol. 39, No. 3, 2017, page no: 364-377
25. K.Tirupalu and G Srinivasarao, “Modelling and Optimization of WEDM Parameters for Titanium (Ti6Al4v) using Response Surface Methodology” *International Journal of Engineering Science and Computing* Vol.7 No.7, 2017, pp.14040-14045.
26. R. Siva Sankara Raju and **G. Srinivasa Rao** “Assessment of Tribological performance of Al-Coconut Shell Ash particulate - MMCs using Grey-fuzzy Approach”, has been accepted (April 17, 2017) for publication in *J. Inst. Eng. India Ser. C* (Publisher: Springer). **100**, 13–22 (2019). <https://doi.org/10.1007/s40032-017-0388-4>
27. A.K.Senapathi, Siva Sankara Raju, **Gunji Srinivas Rao**, “Tribological Performance of Al-MMC Reinforced with Treated Fly Ash Using Response Surface Methodology”, *Indian Journal of Science and Technology*, Vol 10(15), DOI: 10.17485/ijst/2017/v10i15/113824, April 2017,. Page no: 1-9.
28. Siva Sankara Raju, A.K.Senapathi, **Gunji Srinivas Rao**, “Estimation of tribological performance of Al-MMC reinforced with a Novel In-Situ ternary mixture”, *Indian Journal of Science and Technology*, Vol 10(15), DOI: 10.17485/ijst/2017/v10i15/113825, April 2017, Page no: 1-9.
29. Siva Sankara Raju, **Gunji Srinivas Rao**, “Assessments of Desirability Wear Behaviour on Al-Coconut Shell Ash –Metal Matrix Composite Using Grey – Fuzzy Reasoning Grade”, *Indian Journal of Science and Technology*, Vol 10(15), DOI: 10.17485/ijst/2017/v10i15/113826, April 2017, Page no: 1-11.
30. U Gayatri, G Srinivasarao, M Ramakrishna “Fabrication and Testing of Composite Material made of Prawn’s Shell Powder” *RECENT*, Vol. 17, no. 4(50), November, 2016: 553-561.
31. **Srinivasa Rao G**, Suneel D, Manikant KGSV, Praveen D. “Mathematical modelling of surface roughness in hard turning for evaluating the effects of process and tool parameters”. *Discovery*, 2016, 52(246), 1366-1373.
32. V.Nageswara Reddy, **G.Srinivasa Rao** and K.Thirupathi Reddy “Heat energy balance of a single cylinder variable compression ratio diesel engine operating on alternative fuels” *Elixir Mech.Engg.* 96(2016)41609-41615, pp. 237-244, (Elixir International Journal).
33. P.Bharathi, T.G.L. Priyanka, **G.Srinivasarao**, B.Nageswararao “Optimum WEDM process parameters of SS304 Using taguchi method” *International Journal of Industrial and Manufacturing systems Engineering*, Vol.1, No.3,2016, pp.69-72.
34. **Srinivasarao.G**, Suneel.D, Santhipriya.P. “Modeling of Surface Roughness for AISI 52100 steel in WEDM by design of experiments”, *International Journal of Engineering Research and technology*, Vol. 5, No.5. 2016: 234-239. (1.76)
35. **G. Srinivasarao** “Modeling of cutting speed for AISI 52100 steel in WEDM by design of experiments” *BLB International Journal of science and technology*, Special Issue November 2015: 215-221.

36. Siva sankar raju. R., Muralidhararao.M and **G. Srinivasarao** “ Optimization of machinability properties on aluminium metal matrix composite prepared by In-situ ceramic mixture using coconut shell ash- Taguchi approach” International Journal of Conceptions on Mechanical and Civil Engineering, Vol. 3, No.2. 2015: 2357-2760.
37. V.Nageswara Reddy and **G.Srinivasa Rao**, “Experimental Investigation of the effect of emissions in a direct injection VCR diesel engine running with rice bran methyl ester” International Journal of Science and Research, Vol. 4, No.9,2015, 78-86.
38. V.Nageswara Reddy and **G.Srinivasa Rao**, “Experimental Investigation of the effect of performance and emissions of a VCR diesel engine running with rice bran oil” Global Journal of Engineering Science and Research, Vol. 2, No.11,2015, 107-117.
39. V.Nageswara Reddy and **G.Srinivasa Rao**, “Analysis of performance and emissions of a V.C.R. C.I. Engine methyl esters of rice bran oil as biodiesel” International Journal of Engineering Science and Management Research, Vol. 2, No.11,2015, 64-72.
40. V.Nageswara Reddy and **G.Srinivasa Rao**, “Experimental Investigation of the effect of BTE and NOX in a direct injection VCR diesel engine running with rice bran methyl ester” South Asian Journal of Engineering and Technology, Vol. 2, No.1,2015, 18-23.
41. V.Nageswara Reddy and **G.Srinivasa Rao** “Experimental evaluation of a VCR diesel engine performance fueled with methyl ester of rice bran oil” Elixir Mech.Engg. 89(2015) 37018-37025, pp. 229-236, (Elixir International Journal).
42. **G. Srinivasarao** “Modeling and optimization of tool parameters in the presence of variable process conditions using taguchi robust design” Journal of Machining and Forming Technologies, Vol. 6, No.3-4. 2015: 131-145. (This paper is forwarded to publish in this journal from the convener, International Conference on Industrial, Mechanical and Production Engineering: Advancements and Current Trends (ICIMPACT-2014), M.A. National Institute of Technology, Bhopal).
43. SB Venkata Siva, RI Ganguly, **G Srinivasa Rao** and KL Sahoo. “Quantitative studies on wear behavior of Al-(Al₂O₃-SiC-C) composite prepared with in situ ceramic composite developed from colliery waste” Journal of Engineering Tribology, Vol. 229, No.7. 2015: 823-824.
44. S.B.Venkata Siva ,R.I. Ganguly, **G. Srinivasarao** and K. L. Sahoo, “Wear behaviour of novel Al based composite reinforced with ceramic composite (Al₂O₃-SiC-C) developed from colliery shale material” Tribology, Vol. 8, No.3. 2014: 117-124.
45. S.B.Venkata Siva R.I. Ganguly, **G. Srinivasarao** and K. L. Sahoo, “ Machinability of aluminium metal matrix composite reinforced with in-situ ceramic composite developed from mines waste colliery shale” – **Materials and Manufacturing processes (Taylor and Francis)**, Vol. 28, No.10: 2013, 1082-1089.
46. Venkata Siva S. B, K. L. Sahoo, R. I. Ganguly, R. R. Dash, S. K. Singh, B. K. Satpathy, **G. Srinivasarao**, “ Preparation of Aluminium Metal Matrix Composite with a Novel In-situ Ceramic Composite Particulates, Developed from Waste Colliery Shale Material” – **Metallurgical and Materials Transactions B (Springer)**, Vol. 44, No.4, 2013, 800-808.
47. **Srinivasarao,G.** and Venkata Siva S. B. 'Performance evaluation of carbide inserts on surface roughness in hard turning using mathematical modeling', **International Journal of Applied Sciences and Engineering Research**, Vol. 2, No.2,2013, 107-118.
48. V.Nageswara reddy, R.Vidyasagar raju, B.Dinesh babu, R.Meenakshi reddy and **G.Srinivasarao**, “Performance and Emission analysis on single cylinder diesel engine

using dual fuels”- **International Journal of Engineering Research and Technology**, Vol. 2, No.9, 2013, 1267-1274.

49. V.Nageswara reddy, G.Narasa raju, and **G.Srinivasarao**, “The effect of supercharging and rice bran oil bio diesel as as additive in diesel-ethanol blends for diesel engines”- **International Journal of Engineering Research and Technology**, Vol. 2, No.9,2013, 101-108.
50. V.Nageswara reddy, **G.Srinivasarao** and K.Thirupati reddy, “Study of engine Performance and exhaust gas emission characteristics of a 4 stroke CI engine operated with various blends of biodiesel and rice bran oil”- **International Journal of Engineering Research and Science & Technology**, Vol. 2, No.4,2013, 1-11.
51. **Srinivasarao,G.** and Neelakanteswararao, A., ‘Comparison of central composite and orthogonal array designs for cutting force and surface roughness prediction modeling in turning’, **International Journal of Materials and Production Technology (Inderscience)** , Vol. 43, No.1-4, 2012, 144-164.
52. Venkata Siva S. B, **G. Srinivasarao**, Mahesh Kumar M, “Study of phase transformations in EN8 steel material using acoustic emission technique” – **International Journal of Applied Sciences and Engineering Research**, Vol. 3, No.3, 2012, 541-550.
53. **Srinivasarao,G.** and Neelakanteswararao, A.,‘Tool parameters optimization using technique for order preference by similarity to ideal solution’, **International Journal of Advanced Manufacturing Systems**, Vol.1(2),2010 , 127-134. (This paper is forwarded to publish in this journal from The convener, International conference on Advances in Mechanical Engineering (ICAME- 2010), NIT Surat)
54. Sudheer.N.V.V.S. Rao. K.V.J. and **Srinivasarao.G.** ‘Study on influence of process parameters in turning of Aluminum metal matrix composite’, **ANU Journal of Engineering and Technology**, Vol.2 (2), 2010, 5-7.
55. **Srinivasarao,G.** and Neelakanteswararao, A., 'Application of central composite and orthogonal array designs for predicting the cutting force', **International Journal of Manufacturing Science and Technology**, Vol.3(2),2009 , 157-170.
56. **Srinivasarao,G.** and Neelakanteswararao, A., 'Optimisation of Parameters in Turning', **Caledonian Journal of Engineering**, Vol.3(2),2007 , 12-17.

International/National Conferences:

1. **G Srinivasarao**, Arun Kumar, ‘**Optimization of WEDM machining parameters using TOPSIS and GRA**’, Proceedings of the 8th International Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering (AFTMME 2020) 17-19th ,December 2020, Organised by Society of Materials & Mechanical Engineers (SOMME), India.
2. **G Srinivasarao**, Arun Kumar, ‘**Parametric Optimization of WEDM machining using TOPSIS**’, Proceedings of the 7th International and 9th Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering (AFTMME 2019) 5-7th ,December 2019, Indian Institute of Technology Ropar, Punjab, India.
3. V.Nageswara reddy, **G Srinivasarao**, and K.Tirupati reddy, ‘**Modelling and analysis of compression ignition engine performance and emissions of bio diesel**, Proceedings of the 3rd International Conference on Innovations in Mechanical Engineering (ICIME 2020) 10-11th ,January 2020, Guru Nanak Institute of technology, Hyderabad, India.
4. P Bharathi, **G Srinivasarao**, P Gopalakrishnaiah, ‘**Modeling and Optimization of WEDM Parameters Using Design of Experiments**’, Proceedings of the International

Conference on Computational Methods in Manufacturing (ICMM 2019) 8-9th ,March 2019, Indian Institute of Technology Guwahati, Assam, India.

5. Siva Sankara Raju, Venkata siva, **G. Srinivas Rao**, “Quantitative analysis of tribological performance on AL-CSA composites using orthogonal array”, Proceedings of the First International Conference on Applied Mechanical Engineering Research (ICAMER 2019), 2-4th May 2019, National Institute of Technology, Warangal, India.
6. **Srinivasarao G** and Neelakanteswararao A. “Comparison of multi-objective optimization methodologies in turning process by using Design of experiments and Taguchi approaches” **National Conference on Multidisciplinary Design, Analysis, and Optimization**. 23rd - 24th, March 2018, Indian Institute of Science(IISc), Bengaluru.
7. **Srinivasarao G, Siva Sankara Raju** and Vikash Kumar, “Parametric Optimization of Aluminum Metal Matrix Composite (AMC) with Reinforcement of Coconut Shell Ash” **National Conference on Advanced Materials, Manufacturing and Metrology (NCAMMM-2018)** on 16 - 17th, February 2018 at CSIR-CMERI Durgapur.
8. Suneel D, **Srinivasarao,G**. “ Optimization of multi responses using grey relational analysis and topsis”, Proceedings of the 6th International & 27th *All India Manufacturing Technology, design and research Conference (AIMTDR-2016)*, December 16-18th , 2016,1733-1737.
9. **Srinivasarao G** and Suneel D. “Parametric optimization of WEDM on α - β titanium alloy using desirability approach” in the “International Conference on Emerging Trends in Materials and Manufacturing Engineering (IMME2017)” during 10 – 12th March, 2017 at National Institute of Technology, Tiruchirappalli and secured **best paper of the session** for the poster presentation.
10. Siva sankar raj. R, Mk Panigrahi, R I Ganguly, **G. Srinivasarao** “ Optimization of tribological behavior on Al- Coconut shell ash composite at elevated temperature” International Conference on Advances in Metallurgy, Materials and Manufacturing, March 6-8, 2017.
11. Siva sankar raj. R, Mk Panigrahi, R I Ganguly, **G. Srinivasarao** “ Investigation of tribological performance of hybrid aluminium metal matrix composites”, 31st Indian Engineering Congress, Theme: SMART Technologies for natural resources conservation and sustainable development, 15-18th , December2016, Kolkata.
12. Siva sankar raj. R, Ak Senapathi, **G. Srinivasarao** “ Estimation of Tribological performance of Al-MMC reinforced with a Novel In-situ ternary mixture”, International Conference on recent innovation in engineering and technology (ICRIET), 5-6th November2016, GIET, Gunupur, Odisha.
13. Siva sankar raj. R, Ak Senapathi, **G. Srinivasarao** “ Tribological performance of Al-MMC reinforced with treated fly ash using response surface methodology”, International Conference on recent innovation in engineering and technology (ICRIET), 5-6th November2016, GIET, Gunupur, Odisha.
14. Siva sankar raj. R, **G. Srinivasarao** “ Assessment of Desirability wear behavior on Al-coconut shell ash- Metal Matrix Composite using Grey-Fuzzy Reasoning Grade”, International Conference on recent innovation in engineering and technology (ICRIET), 5-6th November2016, GIET, Gunupur, Odisha.

15. Siva Sankara Raju R, **G. Srinivasa Rao** and M.Muralidhar Rao, “Optimization of Machinability Properties on Aluminium Metal Matrix Composites Prepared By In-Situ Ceramic Mixture Using Coconut Shell Ash - Taguchi Approach”, International Academic Multi Disciplinary Conference (IAMDC), 20-22, August’ 2015, Colombo, Sri Lanka. Page no: 17-21.
16. **SrinivasaRao.G**, Suneel.D, Manikanta.KGSV, and Praveen.D. “Mathematical modeling of surface roughness in hard turning for evaluating the effects of process and tool parameters” Published in the Proceedings of International Conference on trends in Industrial and Mechanical Engineering (ICTIME 2016) during 4 – 6th November, 2015 at M.A. National Institute of Technology, Bhopal.
17. U.Gayatri, **G.SrinivasaRao**, Chitti Babu.G. “Development and characterization of banana stem fiber and latapoxy resin composites” Published in the Proceedings of National Conference on Advances in Mechanical and Material Science (AMMS-2015) 28th November, 2015
18. Siva sankar raj. R., Muralidhararao.M and **G. Srinivasarao** “ Optimization of machinability properties on aluminium metal matrix composite prepared by In-situ ceramic mixture using coconut shell ash- Taguchi approachl” International Academic Multi Disciplinary Conference (IAMDC), 20-22, August 2015, Colombo, SriLanka.
19. V.Nageswara Reddy and **G.Srinivasa Rao**, “Analysis, performance and emissions of a VCR diesel engine running with rice bran oil” Published in the Proceedings of National Conference on “Recent Advances in Mechanical Engineering”, Sri Venkateswara Engineering College, Chittoor on 19th December, 2015.
20. **Srinivasarao.G** and Neelakanteswararao.A. “*Modeling and Optimization of tool parameters in the presence of variable process conditions using taguchi robust design*”, Published in the Proceedings of International Conference on Industrial, Mechanical and Production Engineering: Advancements and Current Trends (ICIMPACT-2014) during 27 – 29th November, 2014 at M.A. National Institute of Technology, Bhopal.
21. P.Ajay kumar, **G.Srinivasarao** . “ Review of recent studies on Fabrication of fabrication of Al and Mg Metal Matrix Nano Composites” Published in the Proceedings of National Conference on Advances in Composite Materials (NCACM-2015), Gandhi Institute of Engineering and Technology, Gunupur, Odisha, February 21-22, 2015.
22. R.Siva Sankar Raju, **G.Srinivasarao** . “ Modeling and Optimization of Al/CSAP MMC Machining Using Taguchi approach” Published in the Proceedings of National Conference on Advances in Composite Materials (NCACM-2015), Gandhi Institute of Engineering and Technology, Gunupur, Odisha, February 21-22, 2015.
23. S.B.Venkata Siva, **G. Srinivasarao** and K. L. Sahoo, “ Dry sliding wear behavior of Al-based composite prepared with novel in-situ ceramic composite developed from colliery waste using taguchi method” Published in the Proceedings of 2nd International Conference on Research in Science, Engineering and Technology (ICRSET 2014), **Dubai(UAE)** March 21-22, 2014.
24. **Srinivasarao,G**. “ Design optimization of cutting parameters for turning Al 6061 alloy”, Published in the Proceedings of 2nd International Conference on Industrial Engineering (ICIE 2013), S.V. National Institute of Technology, Surat 20 – 22nd November. 2013.

25. Venkata Siva S B, **Srinivasarao.G.** Sahoo.K.L., “Tribological studies of Al-based composite: Developed from a waste material” Published in the Proceedings of **International Conference on Mechanical Automotive and Materials Engineering (ICMAME 2013), Singapore**, 29-30th April. 2013, pp.132-136.
26. **Srinivasarao,G.** and Neelakanteswararao,A., “Effect of Nano cutting fluid on surface roughness in hard turning”, 4th International & 25th AIMTDR conference, December,2012, 281-286.
27. **Srinivasarao,G.** and Neelakanteswararao,A., ‘Optimisation of tool parameters using taguchi inner-array and outer-array designs', Proceedings of the National Conference on Recent Advances in Mechanical Engineering (NCRAME), 2011, 208-211.
28. Venkatasiva.S.B. **Srinivasarao.G.** and Krishna Kishore.K. ‘Smart materials and its importance in present scenario', Proceedings of the National Conference on Recent Advances in Mechanical Engineering (NCRAME), 2011, 303-309.
29. Venkata Siva S B, R. G. Rao, Dr. R. I. Ganguly, Dr. R. R. Dash and **Dr. G. Srinivasarao**“Effect of different machining parameters on machinability of different aluminium metal matrix composites” Published in the Proceedings of *National Conference on Processing and Characterization of Materials*, NIT, Rourkela, 2-3rd Dec. 2011, pp.29.
30. Venkata Siva S. B, **Dr. G. Srinivasarao**, Dr. K. L. Sahoo, P.S. Srinivas “Effect Of Different Machining Parameters On Machinability Of Aluminium Metal Matrix Composite Developed Using Colliery Shale – A Waste Product From Coal Mines” Published in the Proceedings of *International Conference on Futuristic Trends in Materials and Energy Systems*, V. R. Siddhartha Engg. College, Vijayawada, 29 - 30th Dec. 2011, pp.133-140.
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