

DEPARTMENT OF MECHANICAL ENGINEERING::VRSEC

FACULTY PUBLICATIONS

AY 2018-19

International Journals

1. P.Kishore Kumar, N.Vijaya Sai, A.Gopala Krishna, “ Effect of Y₂O₃ And ZrO₂ on the Microstructure and Mechanical Properties of Nano –ODS 21Cr-9Mn-6Ni Steels”, Materials And Technology 52(2018) 4, PP 493-497, ISSN :1580-2949, , **SCIE, SCOPUS, IF 0.59**
2. P.Kishore Kumar, N.Vijaya Sai, A.Gopala Krishna, “ Effect of Y₂O₃ addition and cooling rate on Mechanical Properties of Fe-24Cr-20Ni-2Mn Steels by powder metallurgy route”, Composites Communications 10(2018), PP 116-121, 2018.ISSN : 2452-2139, **SCOPUS, SCIE , IF .946.**
3. Prakash Babu Kanakavalli, Vijaya Babu Vommi, Nageswara Rao Medikonda, “Integration of machines and automated guided vehicles scheduling in flexible manufacturing system through JAYA algorithm”, Recent Trends In System Engineering, Vol 8, pp 139-152, April 2019, **SCOPUS**
4. V.Sudheer Kumar, P.Sateesh Kumar Reddy, Ch. Nagraju, K.Venkata Rao, “Consequence of input parameters on amplitude and frequency of vibration in rotor bearing system” International Journal Of Mechanical And Production Engineering Research And Development, ISSN: 2249-8001,, PP 183-191,**SCOPUS.**
5. V.Sudheer Kumar, M.Balaji, Ch. Nagraju, K.Venkata Rao, “Significance of input parameters on amplitude and frequency of vibration in rotor bearing system using RSM approach” International Journal Of Mechanical And Production Engineering Research And Development, ISSN: 2249-8001,PP 120-127 ,**SCOPUS.**
6. Dr. M.Balaji, M.Ashok Chakravarthy.M, V.Sridhar, V.Uma Sai Vara Prasad, “Multi response optimization of process parameters in turning of AISI D2 Steel”, International Journal Of Mechanical And Production Engineering Research And Development, ISSN: 2249-8001, PP 167-173,**SCOPUS**
7. V.Vasu, Uma Sai Vara Prasad, “Design and Fabrication of Domestic Water Tank Water level controller”, International Journal Of Mechanical And Production Engineering Research And Development, ISSN: 2249-8001, **SCOPUS.**

8. K. Siva Prasad, G. Chaitanya, "Selection of optimal process parameters by taguchi method for drilling GFRP Composites using Abrasive Water jet Machining Technique", *Materials Today Proceedings*,5, 2018, issn 2214-7853, **SCOPUS**.
9. A.Mallikharjuna Rao, K. Ramji, T Naveen Kumar, "Intelligent Navigation of mobile robot using grey wolf colony optimization", *Materials Today Proceedings*,5, 2018, issn 2214-7853, PP 19116–19125, **SCOPUS**.
10. G.S.P. Kumar, Srikanth Sharma, A. V. Ratna Prasad, "Effect of Microcrystalline cellulose (MCC) on the flexural properties of banana (bast) fiber reinforced polyester composites" *Journal Of Advanced Research In Dynamical & Control Systems*", Vol 10, 12-special issue, ISSN, 1943-023X, Page No:478-482, September, 2018, **SCOPUS**.
11. A.Venkateswarlu, A.Adi Lakshmi, "Pattiseema Lift Irrigation A Hydraulic Wonder: A Case Study In Interlinking Rivers", *International Journal Of Mechanical And Production Engineering Research And Development*, vol 8, issue 4, PP 939-947, August 2018, **SCOPUS**.
12. S. P. Kumar Gudapati, K. Supraja, A. V. Ratna Prasad "Thermal Conductivity Characterization of Areca Palm Fiber Reinforced Polymer Composites" *International Journal Of Pure And Applied Mathematics*. Volume 119, 17 Special issue on "Recent Research in Science", October 2018, page no: 1871-1880, ISSN1314-3395,**SCOPUS**.
13. K.Srinivasa Rao, U.V.Naayana Rao, G.Sridhar Babu and M.Rajesh "Modelling and analysis of rotor braking system",*International Journal Of Mechanical Engineering And Technology*. Vol 10, Issue 04, April 2019, pp.322-331 ISSN 0976-6359. **SCOPUS**.
14. G.V.N.B.Prabhakar, N.Ravi kumar, Y.V.R.S.N.Pavan Kumar, P.Dileep Kumar, B.Prasanna Kumar, M.Gopi Raju, SK.Naseema, M.Jagannatham, B.Ratna Sunil. "Producing Al5083-CNT composites by friction stir processing: influence of grain refinement and CNT on mechanical and corrosion properties", *Materials Today Proceedings*, Vol 15 2019, pp 44-49, ISSN 2214-7853.**SCOPUS**
15. K.Srinivasa Rao, P.Gopinadh Chowdary, G.jamuna Rani, G.SriValli, "Performance and Emission Characteristics of a TurboCharged SI Engine using Petrol-Ethanol fuel", *International Journal Of Mechanical And Production Engineering Research And Development*, Vol 9, Issue 3, pp 463-470, ISSN 2249-6890 June 2019.**SCOPUS**
16. Prakash Babu Kanakavalli, Vijaya Babu Vommi, Nageswara Rao Medikonda, "Fuzzy heuristic algorithm for simultaneous scheduling problems in flexible manufacturing system", *Management Science Letters*, pp 1319-1330, August 2018.**SCOPUS**

17. Yarram Emima, Muthuluru Rajesh, Kuchipudi Srinivasa Rao, “Experimental Investigation on performance and Exhaust Emission characteristics of Diesel Engine using Eesame blends with Diesel and Additive”, International Journal Of Recent Technology And Engineering, Vol 8, Issue IS3, pp 6-11, ISSN 2277-3878, June 2019, **SCOPUS**.
18. Subhani Shaik, Srinivas kommana, Raghavarao Boppudi, “Optimization of Compression Ratio for Computerized VCR CI Engine Fueled with peanut oil Blended with Diesel and Additive”, International Journal Of Recent Technology And Engineering, Vol 8, Issue IS3, pp 6-11, ISSN 2277-3878, June 2019, **SCOPUS**.
19. G.Dilli Babu, D.Siva Sankar, K.Sivaji babu, “Experiment on Optimization of Robot Wleding process Parameters”, International Journal Of Recent Technology And Engineering, Vol 8, Issue IS4, pp 6-11, ISSN 2277-3878, June 2019, **SCOPUS**.
20. Srinivas kommana, B.raghava Rao, N.Ravi Kumar, “Analysis of performance and emission parameters of methyl esters of coconut oil and eucalyptus oil blends in VCR-CI Engine”, International Journal Of Mechanical And Production Engineering Research and Development, Vol 9, Issue 3, pp 681-686, ISSN 2249-6890, June 2019, **SCOPUS**.
21. A.N. PhaniDeepthi, Mekuri Dharmiah, “Experimental Investigation on Improving the Cooling Performance of Automobile Radiator by Using CuO Nanofluid”, International Journal On Mechanical Engineering and Technology, IJMET Vol10, Issue 05, May 2019, pp. 538-545.**SCOPUS**
22. V.V.Venu Madhav, A.V.S.S.K.S. Gupta, Potluri Rakesh “Fracture Behaviour Study on the Cross-ply Composite Laminate with a circular Hole Subjected to Thermo-Mechanical loading with Temperature Fall” International Journal Of Applied Engineering Research. Volume 13, number 23 (2018) pp. 16245-16251 ISSN 0973-4562.
23. V.V.Venu Madhav, A.V.S.S.K.S. Gupta, Potluri Rakesh “Fracture Behaviour Study on the Cross-ply Composite Laminate with a circular Hole Subjected to Thermo-Mechanical loading with Temperature Rise” International Journal Of Applied Engineering Research. Volume 13, number 23 (2018) pp. 16238-16244 ISSN 0973-4562.
24. G.Srivalli, G.Jamuna Rani, K.Praveen Chand “Aero-Thermal Analysis of Flanged Blunt NoseCone” International Journal Of Management, Technology And Engineering. Vol 8, Issue 12, December 2018, pp. 3588-3594 ISSN 2249-7455.

25. M.Sumalatha, V.V.S.Kesava Rao “A review on corrosion studies of titanium alloys”, Journal Of Mechanical And Mechanical Engineering. Vol 5, Issue 1, 2019, pp.9-16 ISSN 2581-3722.
26. M.Sumalatha, V.V.S.Kesava Rao “Multi objective optimization of pitting corrosion rate of micro plasma arc welded titanium (Ti-6Al-4V) alloy sheets using TOPSIS”, Journal Of Advanced Research In Manufacturing Material Science & Metallurgical Engineering. Vol 5, issue 3, 2018, pp. 33-43 ISSN 2393-8315.
27. M.Sumalatha, V.V.S.Kesava Rao “Multi-objective optimization of weld bead geometry of micro-plasma arc welded titanium (Ti-6Al-4V) alloy sheets using TOPSIS”, International Journal Of Manufacturing And Materials Processing. Vol 5, Issue1, 2019, pp. 27-38 ISSN
28. V.V.Venu Madhav, A.V.S.S.K.S.Gupta, P.Rakesh “Study of fracture behaviour of a composite laminate $[0^0/90^0]$ with circular crack subjected to temperature fall loading”, Journal Of Mechanical And Civil Engineering. Vol 16, Issue 3 ser. (May-June 2019),pp 30-37 ISSN 2278-1684.
29. V.V.Venu Madhav, A.V.S.S.K.S.Gupta, P.Rakesh “Study of fracture behaviour of a composite laminate $[0^0/90^0]$ with circular crack subjected to Thermo-Mechanical loading with temperature fall”, Journal Of Mechanical And Civil Engineering. Vol 16, Issue 3 ser. (May-June 2019),pp 38-45 ISSN 2278-1684.
30. V.V. Venu Madhav, A.V.S.S.K.S.Gupta, P.Rakesh “Study of fracture behaviour of composite laminate with central circular crack exposed to Thermo-Mechanical loading with temperature rise”, Journal Of Mechanical Engineering Research & Developments. pp 125-132 ISSN 1024-1752.

International Conferences

1. V.V. Venu Madhav, A.V.S.S.K.S.Gupta, P.Rakesh, “Study of fracture behaviour of a composite laminate with central circular hole subjected to temperature fall loading”, International Conference On Advances In Material And Manufacturing Engineering 2019, Organized by Kalinga Institute Of Industrial Technology, during 15th-17th March 2019.PP49
2. Vemuloori Vasu, Donthu Rakesh, K.Bintu Sumanth, V.Uma Sai Vara Prasad, “Experimental investigation on low pressure receiver incorporated domestic refrigerator with Al₂O₃ Nano particles”, International Conference On Advances In Material And Manufacturing Engineering 2019, Organized by Kalinga Institute Of Industrial Technology, during 15th-17th March 2019.PP 67
3. B.Supraja Reddy, B.Ram Gopal Reddy, “Experimental investigation on friction stir welding of dissimilar alloys AA7075 and pure copper: Effect of tool material and process parameters on mechanical properties”, International Conference On Advances In Material And Manufacturing Engineering 2019, Organized by Kalinga Institute Of Industrial Technology, during 15th-17th March 2019.PP105
4. G.Sri Valli, G.Jamuna Rani, V.Balkrishna Murthy, “Effect of Debond and Randomness on thermal Conductivities of Hollow Fiber Composites”, International Conference On Advances In Material And Manufacturing Engineering 2019, Organized By Kalinga Institute Of Industrial Technology, During 15th-17th March 2019.PP117
5. A. Mallikharjuna Rao, K. Ramji, “ Experimental analysis on Intelligent sees sowing mobile robot through ant colony optimization”, International Conferefnce On Intelligent Computing held at Amrita School Of Engineering Bengaluru, organized by CSE during 25th-27th October 2018.
6. P. Kishore Kumar, Dr. N. Vijaya Sai,A. Gopala Krishna, N.G. Renganathan“Micro-structural Evaluation of Mechanically Alloyed Oxide DispersionStrengthened Austenitic Stainless Steels”, International Conference On Recent Advances In

Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019.

7. Upputuri Hari Babu, Dr. N. Vijaya Sai, "Optimization of Drilling Process Parameters used in Machining of Glass Fiber Reinforced Epoxy Composite", International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019.
8. Upputuri Hari Babu, Dr. N. Vijaya Sai Elayaraja Duraisamy "Optimization of Drilling Parameters on Carbon Fiber Reinforced Polymer Composites using Fuzzy Logic", International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019.
9. Praveen Kumar.Ch, Dr. K. Naga Malleswara Rao, Raghu.M, Satish Kumar.S "Thermodynamic Analysis of a Solar Libr-H₂O Absorption Refrigeration System", International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019.
10. Raghu. M, K. Naga Malleswara Rao, Praveen Kumar.Ch, Satish Kumar.S "Thermodynamic Analysis of Solar Organic Rankine Cycle", International Conference On Recent Advances In Materials Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019.
11. Peeraiah. M, Dr. K. Naga Malleswara Rao, Balakrishna.B "Upgrading the Cooling Performance of Radiator by the Dual Effect", International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019.
12. G.Jamuna Rani, K. Srinivasa Rao, Y. Goutham Raj "Effect of Hydrogen Enrichment on the Performance and Emissions of a Diesel Engine Fueled with Mahua – Biodiesel", International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019. ISBN:978-81-933256-6-7, pg 105.

13. K. Prakash Babu, B. Navaneeth Babu, Ch. P.N. Vishnu Sai “A Hybrid Methodology For Optimizing Mig Welding Process Parameters In Joining Of Dissimilar Metal”, International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019.
14. Ch. Khyathi Sree, Srinivas Prasad Sanaka, B. Raghava Rao, “Combustion Analysis in a Scramjet Engine using Fluent”, International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th JANUARY 2019.
15. Dr.S. Srinivasa Prasad,Blvs Gupta “Computational Analysis of External Flow on a Re-Entry Vehicle”, International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019.
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17. M. Ramgopal,K.RamanaiahM. Praveen, P.N.V. Bala Subramanyam “Effect of Double – Shell Mono-Flow Cooling System inHot Working Rollers”, International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019.
18. V Uma Sai Vara Prasad, Dr K Venkata Rao,Dr. M. Balaji,D. Brahmeswara Rao “Investigation of Process Parameters Effect on Machining Characteristics in Helical Milling”, International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019.
19. Vijaya Kanth .P,Dr. V. Bala Krishna Murthy, Chandra Mohan R. “Simulation of Thermal Ablation Process Using ANSYS Software”, International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by

Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019.

20. Anil Siva Teja M, Balakrishna Murthy V, Chandra Mohan R“Simulation of Static Behaviour of Composite Pressure Vessel in Ansys Software”, International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019.
21. Charitha Krishna Panithapu, Bala Krishna Murthy Vallabhaneni, Chandra Mohan Raparla, “Analysis of Thermal Protection System in Flex Seal of a Rocket Motor”, ”, International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019.
22. Vamsi Babu Gudlavalleti, Srinivas Inturu, Balakrishna Murthy Vallabhaneni,” Effect of Hollowness on Thermal Conductivity of FRP Composite with Constant Matrix Volume Fraction”, International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.SIDDARTHA ENGINEERING COLLEGE VIJAYAWADA, During 3rd-4th JANUARY 2019.
23. K.Siva Prasad, G. Chaitanya “Experimental Study On Surface Roughness And Dimensional Accuracy In Drilling Of Gfrp Composites Using Abrasive Water Jet Technique”, International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019.
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25. P.Phaneendra Kumar, B.Raghava Rao,” Numerical simulation of casting filling process using ANSYS FLUENT” International Conference On Applied Science And Technology, held on 27th& 28th MARCH 2019, at Sagi Rama Krishnam Raju Engineering College, Bhimavaram. ISBN 978-93-5351-933-9.
26. S.Ganesh, A. Venkateswarlu, “Design And Fabrication Of Solar Organic Rankine Cycle For Power Generation”, International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical

Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019, PP 99.

27. U.L.Srinivas Sastra, G.Jamuna Rani “Impact Of Piston Geometry On Diesel Engine Performance, Emissions & combustion chamber”, International Conference On Applied Science And Technology, held on 27th& 28th MARCH 2019, at Sagi Rama Krishnam Raju Engineering College, Bhimavaram.ISBN 978-93-5351-933-9,PP 121.
28. S.Subhani, Srinivas Kommana “optimization of compression ratio of computerized vcr ci engine fueled with peanut oil blended with diesel and additive with EGR”, International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019.
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30. M.Bala Chennaiah “Experimental investigation of heat treatment processes on dissimilar is2602-ena mig welded joint”, International Conference On Mechanical Engineering Deisgn, held at Sri Sivasubramaniya Nadir College Of Engineering,Chennai ,on 25-26 April 2019.
31. A.Sreenivasulu “Determination of optimum scheduling rules in a flexible manufacturing system”, International Conference On Mechanical Engineering Deisgn, held at Sri Sivasubramaniya Nadir College Of Engineering,Chennai ,on 25-26 April 2019.
32. Y.Emima, Rajesh.M “Experimental investigation on performance and exhaust emission characteristics of diesel engine using different sesame oil blends with additive”, International Conference On Applied Science And Technology, held on 27th& 28th March 2019, at Sagi Rama Krishnam Raju Engineering College, Bhimavaram.
33. N.SaiChandrika, N.Vijaya Kumar “Grey relational analysis of pine apple leaf fiber (palf) & granite powder reinforced hybrid pouyester composites”, International Conference On Mechanical Engineering Deisgn, held at Sri Sivasubramaniya Nadir College Of Engineering,Chennai ,on 25-26 April 2019.

34. M.Balaji, CH.Naga Raju, C.Akshay Kumar “Prediction and optimization of process parameters in turning of AA6063Al using ANN”, International Conference On Mechanical Engineering Design, held at Sri Sivasubramaniya Nadir College Of Engineering, Chennai, on 25-26 April 2019.
35. K.Siva Prasad, G.Chaitanya “Analysis of delamination in drilling of GFRP composites using taguchi technique”, 9th International Conference On Materials Processing And Characterization, held at Gokaraju Rangaraju Institute Of Engineering And Technology Hyderabad, Telangana, During 8-10 March 2019.
36. B.Ajay Kumar, Dr.N.Ravi Kumar, Dr.V.Rama Krishna “Strain measurement of underwater vehicle by experimental and numerical approaches”, International Conference On Applied Science And Technology, held on 27th & 28th March 2019, at Sagi Rama Krishnam Raju Engineering College, Bhimavaram.
37. B.Ajay Kumar, Dr.N.Ravi Kumar, Dr.V.Rama Krishna, Dr.O.R.Nandagopan, U.urban Kumar “Coupled analysis of underwater system by numerical approach”, International Conference On Applied Mechanical Engineering Research, held at NIT Warangal, India on 2nd -5th May 2019.
38. V.Bapi Raju, G.Rambabu, K.Narayana Rao “Development Inventory Model of price dependent perishable products in sustainable environment”, International Conference On innovative Product Design And Intelligent Manufacturing System Organized by Dept of Industrial Design and Dept of Mechanical Engineering of NIT, Rourkela During 17-18 May 2019.
39. V.Bapi Raju, G.Rambabu, K.Narayana Rao “A New Heuristic for solving open vehicle routing problem with capacity constraints”, International Conference On innovative Product Design And Intelligent Manufacturing System Organized by Dept of Industrial Design and Dept of Mechanical Engineering of NIT, Rourkela During 17-18 May 2019.
40. V.Bapi Raju, G.Rambabu, K.Narayana Rao “A Heuristic for solving open vehicle routing problem with capacity constraints”, International Conference on Recent Developments in Mechanical Engineering, Held on 21st -22nd March 2019, Organized by Dept of Mechanical Engineering, S.A.Engineering College, Chennai, India.
41. V.V.Venu Madhav, A.V.S.S.K.S.Gupta, P.Rakesh, “FRC 339- Study of fracture behaviour of a composite laminate with central circular hole subjected to Thermo-

mechanical loading with Temperature fall”, International Conference On Materials, Manufacturing and Modelling, Organized by Dept of Mechanical Engineering, Vellore Institute of technology, Vellore, During 29th-31st march 2019.

42. V.V.Venu Madhav, A.V.S.S.K.S.Gupta, P.Rakesh, “FRC 340- Comparison of fracture behaviour of a composite laminate with Cross-Ply & Angle-Ply lay-up subjected to Thermal rise Loading”, International Conference On Materials, Manufacturing and Modelling, Organized by Dept of Mechanical Engineering, Vellore Institute of technology, Vellore, During 29th-31st march 2019.
43. N.Vijaya Kumar, B.Sai Krishna, N.Sai Chandrika, “Evaluation of Properties of Glass-Banana fibre Reinforced polymer hybrid composite”, International Conference On Applied Science And Technology, held on 27th& 28thMarch 2019, at Sagi Rama Krishnam Raju Engineering College, Bhimavaram, ISBN 978-93-5351-933-9, PP 115.
44. V.Rama Krishna, B.Ajay Kumar, O.R.Nandagopan, N.Ravi Kumar, U.Urban Kumar, “Coupled analysis of underwater system by Numerical Approach”, 1st International Conference on Applied Mechanical Engineering Research, Organized by Dept of Mechanical Engineering, NIT Warangal, During 2nd -4thMay 2019.
45. Nilesh Ramesh Kolhalkar, Leela Krishnan Vaidyabhushan, “Mechatronics system for diagnosis and treatment of major diseases in Grape vineyards based on image processing”, International Conference On Recent Advances In Materials, Manufacturing And Energy Systems. organized by Mechanical Engineering Department, V.R.Siddartha Engineering College Vijayawada, during 3rd-4th January 2019, ISBN 978-81-933256-6-7, PP 121.
46. M.Bala Chennai, “Effect of welding Parameters on Tensile Strength of AA 7075-T6 Friction Stir Welded joints”, 7th International and 28th All India Manufacturing Technology, Design And Research Conference Held at Anna University, Chennai During 13th – 15th December 2018.
47. M.Bala Chennai, K.Sai Ram, K.V.B.N.S.Rama Krishna, I.Lohit, I.V.S.Nikhil, S.Madhav, “Influence of Tool Profiles on Mechanical Properties in Al-5083 Alloy Using Friction Stir Welding”, 1st International Conference on Applied Mechanical Engineering Research, Organized by Dept of Mechanical Engineering, NIT Warangal, During 2nd -4thMay 2019.
48. R.Vineetha, G.Srivalli, “Performance Enhancement of The Radiator with Different Fluids”, International Conference On Applied Science And Technology, held on

27th& 28th March 2019, at Sagi Rama Krishnam Raju Engineering College, Bhimavaram, ISBN 978-93-5351-933-9.

49. Ch. Venkata Prasad, G. Sulochana, “ Extraction and performance characteristics of pyrolysis plastic oil in 4-stroke single cylinder Diesel engine”,International conference on Multi disciplinary research studies and education , organized by institute for engineering research and publication on 28th and 29th June 2019, Hyderabad,Telangana.
50. V.Sridhar, K. Raja, “ Comparison of Vibrational behavior of PET & NYLON66 Core Based Sandwich Beams” International conference on Multi disciplinary research studies and education , organized by institute for engineering research and publication on 28th and 29th June 2019, Hyderabad, Telangana.

National Conference

1. M.Balaji, M.Ashok Chakravarthy.M, V.Sridhar, V.Uma Sai Vara Prasad “Multi response optimization of process parameters in turning of AISI D2 Steel”, National Conference on Advances in Modeling, Manufacturing and Materials Engineering, organized by department of Mechanical Engineering, Vignan’s Foundation for Science, Technology & Research, August 17-18, 2018.
2. V.Sudheer Kumar, P.Sateesh Kumar Reddy, Ch. Nagraju, K.Venkata Rao, “Consequence of input parameters on amplitude and frequency of vibration in rotor bearing system”,National Conference on Advances in Modeling, Manufacturing and Materials Engineering, organized by department of Mechanical Engineering, Vignan’s Foundation for Science, Technology & Research August 17-18, 2018.