

DEPARTMENT OF MECHANICAL ENGINEERING::VRSEC

FACULTY PUBLICATIONS

AY 2019-20

International Journals

1. A. MallikarjunaRao, “Experimental analysis on Intelligent speed sowing Mobile Robot through ant Colony Optimization”, Journal of Computational and Theoretical Nano Science. ISSN: 1546-1963 volume 17, No 1, Pp 384-389, January 2020, **SCI**
2. K. Siva Prasad, G. Chaitanya, “Analysis of delamination in drilling of GFRP composites using Taguchi Technique”, Materials Today Proceedings, volume 8, part 7, November 2019, ISSN 2214-7853, PP 3252-3261, **SCOPUS**.
3. V.Sridhar, Ch. Ratnam, “wear behaviour on Magnesium reinforced with nano alumina particulates”, International Journal Of Innovative technology and Exploring Engineering, vol 8, issue 11, september 2019, ISSN :2278-3075, PP 2873-2876. **SCOPUS**.
4. B.Srinivasarao, V.Balakrishna Murthy, “An Analysis of mode-I fracture in Carbon-Epoxy Laminate for the prediction of critical loads and crack lengths”, International Journal Of Mechanical And Production Engineering Research and Development, Vol 9, Issue 4, pp 623-628, ISSN 2249-6890, August 2019, **SCOPUS**.
5. B.SrinivasaRao, G.SambasivaRao, J.Suresh Kumar, “Buckling Analysis of Thin FRP laminate under combined Thermal and Mechanical loading”, International Journal Of Mechanical And Production Engineering Research and Development, Vol 9, Issue 4, pp 629-636, ISSN 2249-6890, August 2019, **SCOPUS**.
6. MallapuramBalaChennaiah, Podaralla Nanda Kumar and KaranamPrahadaRao, “Effect of welding Parameter on Tensile Strength of AA7075-T₆ Friction Stir Weled Joints”, Advances in Additive Manufacturing and Joining , Lecture Notes on Multidisciplinary Industrial Engineering, Page No:641-649, October 2019 , ISSN: 2522-5022 **SCOPUS**.
7. G.Santhnam, C.Srinivas, Ch.KhyathiSree, S.Srinivas Prasad, “CFD Anlysis of the effect of Mach number on Scramjet Combustion”, International Journal Of Mechanical And Production Engineering Research and Development, Vol 9, Issue 4, pp 393-402, ISSN 2249-6890, August 2019, **SCOPUS**.
8. P.Satheesh Kumar Reddy, Ch.NagaRaju “Structural optimization of different truss members using finite element analysis for minimum weight”, International Journal Of

- Mechanical And Production Engineering Research And Development, Vol 9, Issue 4, pp 99-110 ISSN 2249-6890 August 2019. **SCOPUS**
9. U. V. NarayanaRao, K. SrinivasaRao, A. Dattatreya Kumar, G. Yaswanth Kumar, G. Sridhar Babu. "CFD Analysis of Auditorium using Ansys Fluent", International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8, Issue-2, July2019, Page no: 4533-45328, **SCOPUS**.
 10. K. SrinivasaRao, G Sridhar Babu, A. Dattareya Kumar, U V NarayanaRao and M. Rajesh, "Removal of Acid Blue 80 using Industrial Waste Carbon", International Journal of Recent Technology and Engineering(IJRTE), ISSN:2277-3878,Volume-8, Issue-2,July2019,Page no:1217-1224, **SCOPUS**.
 11. Lakshmi SrinivasSastraUmmaleti, G. Jamuna Rani and K.SrinivasRao, "Impact of Piston Geometry on Diesel Engine Performance, Emissions and Combustion", International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8, Issue-2, July2019, Page no: 3087-3091, **SCOPUS**.
 12. Nilesh R, Kolhalkar and V. L.Krishnan, "Mechatroniocs System for diagnosis and treatment of major diseases in Grape Vineyards Based on Image processing", Materials Today Proceedings. ISSN: 2214-7853,September 2019, **SCOPUS**.
 13. K.Siva Prasad, G. Chaitanya, "Experimental study on surface roughness and dimensional accuracy of hole machining process GFRP Composites using abrasive water jet technique" Materials Today Proceedings. ISSN: 2214-7853, Volume 23, Part 3, 2020**SCOPUS**.
 14. PrakashBabuKanakavalli, B.NavaneethBabu and Ch.P.N.VaishnuSai, "A hybrid methodology for optimizing MIG welding process parameters in joining of dissimilar metals", Materials Today Proceedings. ISSN: 2214-7853. Volume 23, Part 3, 2020**SCOPUS**.
 15. V.UmaSaiVara Prasad, K.VenkataRao, M. Balaji and D.BrahmeswaraRao, "FEA investigation of Process effects on machining characteristics in helical milling", Materials Today Proceedings. ISSN: 2214-7853, Volume 23, Part 3, 2020.**SCOPUS**.
 16. H. B. Upputuri, V. S. Nimmagadda, "Optimization of drilling process parameters used in machining of glass fiber reinforced epoxy composite", Materials Today Proceedings. ISSN: 2214-7853, Volume 23, Part 3, 2020, Pages 594-599**SCOPUS**.
 17. H. B. Upputuri, V. S. Nimmagadda, E. Duraisamy, "Optimization of drilling process parameters on carbon fiber reinforced polymer composites using fuzzy logic", Materials Today Proceedings. ISSN: 2214-7853,Volume 23, Part 3, 2020.**SCOPUS**.

18. M. Ramagopal , K. Ramanaiah ,M.Praveen and P.N.V.BalaSubramanyam, “Effect of double-shell mono- flow cooling system in hot working rollers”, International Journal of Mechanical Engineering and Production Research and Development(IJMPERD), ISSN:2249-6890,Page no:158-165, Vol. 9 Dec 2019, **SCOPUS**.
19. AlapatiVenkateswarlu, Songala Ganesh and AdusumilliAdilakshmi, “The Design and Fabrication of solar Organic Rankine Cycle for Power Generation”, International Journal of Mechanical Engineering and Production Research and Development (IJMPERD), ISSN: 2249-6890, Page no: 111-117, Vol. 9 Dec 2019, **SCOPUS**.
20. G. Jamuna Rani, K.SrinivasRao and Y.Goutham Raj, “Effect of Hydrogen Enrichment on the Performance and Emissions of a Diesel Enginefueled with Mahua- Biodiesel”. International Journal of Mechanical Engineering and Production Research and Development (IJMPERD), ISSN: 2249-6890, Page no: 126-133, Vol. 9 Aug 2019, **SCOPUS**.
21. G DilliBabu, B. JagadishBabu,K.BintuSumanth, “Experimental Investigation on Surface Roughness of Turned Nano-Khorasan Based Pineapple Leaf Fiber-Reinforced Polymer Composites Using Response Surface Methodology”, Materials Today: Proceedings Engineering, Available in online from 29 September 2019,**SCOPUS**.
22. G DilliBabu, S P Kumar Gudapati,KSivajiBabu, A V Ratna Prasad, “Experimental Investigation on Mechanical and Thermal Properties of EsculentusCyperusFiber Reinforced Polypropylene Composites”, Materials Today: Proceedings Engineering, Available in online from 29 July 2019, **SCOPUS**.
23. G DilliBabu, B JagadishBabu, K SivajiBabu, “Optimization of Surface Roughness of Turned Nano-Khorasan Based MadarFiber Composites Using Response Surface Methodology”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), 2019, 8(10), pp 253-257, **SCOPUS**.
24. K.BintuSumanth, G. DilliBabu, S.Satish Kumar, “Mechanical and Wear Characterization of Nano Based CalotropisGiganteaFiber Reinforced Polyester Composites”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), 2019, 8(10), pp 2876-2879,**SCOPUS**.
25. Charitha Krishna P, Balakrishna Murthy V, Chandra Mohan R, “Analysis of Thermal Protection System in Flex Seal of a Rocket Motor”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-1, November 2019, DOI: 10.35940/ijitee.A8117.119119, pp. 4933-4936. **SCOPUS**.

26. VijayaKanth P, Balakrishna Murthy V, Chandra Mohan R, “Simulation of Thermal Ablation Process using ANSYS Software”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-1, November 2019, DOI: 10.35940/ijitee.A8119.119119, pp. 4941-4942. **SCOPUS**.
27. G.SriValli, Dr.RavindraKommineni and Dr.B.SreedharaRao. “A Literature Review on Corrugated Plate Heat Exchanger”, Materials Today Proceedings 18 October (2019) ISSN: 2214-7853, Page No: 320-326 **SCOPUS**.
28. Srinivas Prasad Sanaka and B.LV.S. Gupta, “Computational Analysis of External Flow on a Re-Entry Vehicle”, International Journal of Mechanical Engineering and Production Research and Development (IJMPERD), ISSN: 2250-2378, Page no: 27-33, Vol. 9 Dec 2019, **SCOPUS**.
29. CH. KhyathiSree, Srinivas Prasad Sanaka and B.RaghavaRao, “Computational Analysis of Combustion in Scramjet Engine”, International Journal of Mechanical Engineering and Production Research and Development (IJMPERD), ISSN: 2250-2378, Page no: 19-26, Vol. 9 Dec 2019, **SCOPUS**.
30. Praveen Kumar.Ch,Dr. K. Naga MalleswaraRao, Raghul.M, SatishKumar.S “Thermodynamic Analysis of a Solar Libr-H₂O Absorption Refrigeration System”, International Journal of Mechanical Engineering and Production Research and Development (IJMPERD), ISSN: 2250-2378, Page no: 49-51, Vol. 9 Dec 2019, **SCOPUS**.
31. Raghu. M, K. NagaMalleswaraRao, Praveen Kumar.Ch, SatishKumar.S “Solar Organic Cycle - A Thermal Perspective Analysis”, International Journal of Mechanical Engineering and Production Research and Development (IJMPERD), ISSN: 2249-6890, Page no: 81-93, Vol. 9 Dec 2019, **SCOPUS**.
32. Peeraiah. M,Dr. K. NagaMalleswaraRao, Balakrishna.B“Upgrading the Cooling Performance of Radiator by the Dual Effect”, International Journal of Mechanical Engineering and Production Research and Development (IJMPERD), ISSN: 2250-2378, Page no: 34-40, Vol. 9 Dec 2019, **SCOPUS**.
33. BapiRajuVangipurapu, RambabuGovada, NarayanaRaoKandukuri, “Development Of A New Genetic Algorithm For Solving Capacitated Vehicle Routing Problem In Short Time”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8, Issue-11, September 2019. PP905-907,**SCOPUS**.

34. C. Mahesh, K. Govindarajulu and V. Balakrishna Murthy, "Simulation based verification of homogenization approach in predicting effective thermal conductivities of wavy orthotropic fiber composite", International Journal of Computational Materials Science and Engineering Vol. 8, No. 4 September (2019) 1950015, ISSN: 2047-685X, DOI:10.1142/S2047684119500155. **SCOPUS, ESCI.**
35. B. Supraja Reddy and 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", Advances in Materials and Manufacturing Engineering, Lecture Notes in Mechanical Engineering, ISSN:2195-4356,https://doi.org/10.1007/978-981-15-1307-7_60. PP 533-540 Feb 2020, **SCOPUS.**
36. G. Srivalli, G. Jamuna Rani and V. Balakrishna Murthy, "Effect of Debond and Randomness on Thermal Conductivities of Hollow Fiber Composites", Advances in Materials and Manufacturing Engineering, Lecture Notes in Mechanical Engineering, ISSN:2195-4356,https://doi.org/10.1007/978-981-15-1307-7_68. PP 597-605, Feb 2020, **SCOPUS.**
37. A. Praveen, V. Lakshmi Narayana and K. Ramanaiah, "Influence of nanoadditive Chlorella vulgaris microalgae biodiesel blends on the performance and emission characteristics of a DI diesel engine", International Journal of Ambient Energy, ISSN:0143-0750 2162-8246, DOI: 10.1080/01430750.2020.1725120, February 2020. **SCOPUS.**
38. Ch. RaviTeja, Dr. M. BalaChennaiah, G. Srivalli, S. Vignesh, E. Dileep Kumar, D. ViswaDatta and S. KartikRaju, "Ocean Wave Energy- A Step Towards Recharging Batteries", Test Engineering and Management, ISSN:0913-4120, Volume 82, PP: 8774-8780, Issue: January-February 2020. **SCOPUS.**
39. Ch. RaviTeja, Dr. M. BalaChennaiah, G. Srivalli, S. Vignesh, E. Dileep Kumar, D. ViswaDatta and S. KartikRaju, "Ocean Wave Energy- A Step Towards Recharging Batteries", Test Engineering and Management, ISSN:0913-4120, Volume 82, PP: 8774-8780, Issue: January-February 2020. **SCOPUS.**
40. V. V. VenuMadhav, AV.S.S.K.S. Gupta, P. Rakesh, " Study of fracture behavior of a composite laminate with central circular hole subjected to thermo-mechanical loading with temperature fall", Materials Today Proceedings, vol22, ISSN: 2214-7853, PP: 2025-2032, May 2020. **SCOPUS.**
41. V. V. VenuMadhav, AV.S.S.K.S. Gupta, P. Rakesh, " Comparison of fracture behavior of a composite laminate with Cross-ply & Angle ply lay-up subjected to

- thermal rise loading”, *Materials Today Proceedings*, vol22, ISSN: 2214-7853, PP: 2033-2040, May 2020. **SCOPUS**.
42. BapiRajuVangipurapu, RambabuGovada, NarayanaRaoKandukuri, “Development Inventory Model of Price-Dependent Perishable Products in Sustainable Environment”, *Innovative Product Design and Intelligent Manufacturing Systems*, **SCOPUS**.
43. BapiRajuVangipurapu, RambabuGovada, NarayanaRaoKandukuri, “A new Heuristic for Solving open Vehicle Routing Problem with Capacity Constraints”, *Innovative Product Design and Intelligent Manufacturing Systems*, Feb2020, **SCOPUS**.
44. V. Rama Krishna, B. Ajay Kumar, O. R. Nandagopan, N. Ravi kumar, U. Urban Kumar, “Coupled Analysis of Underwater System by Numerical Approach”, *Advances in Applied Mechanical Engineering*, PP 571- 579, February 2020, **SCOPUS**.
45. V. Vasu, D. Rakesh, K. B. Sumanth, V. U. S. Vara Prasad, “Experimental Investigation on Low – Pressure Receiver Incorporated Domestic Refrigerator with Al₂O₃ Nano Particles” *Advances in Materials and Manufacturing Engineering*. lecture notes in Mechanical Engineering. **SCOPUS**.
46. N. Vijaya Kumar, B. Sai Krishna, N. SaiChandrika, “Evaluation of Properties of Glass – Bannan – Fible Reinforced Hybrid Fibre Polymer Composite”, *Materials Today Proceedings*, 26 July 2019, **SCOPUS**.
47. Dr. Alapati Venkateswarlu, Adusumilli Adilakshmi, Rithvik Alapati, “Sustainable Development Vs Environment Protection - Achieving A Fine Balance: A Case Study Of Andhra Pradesh”, *International Journal of Advanced Research in Engineering and Technology (IJARET)*, ISSN : 0976-6499, Volume 11, Issue 6, June 2020, pp. 106-112, **SCOPUS**.
48. A. Phanideepthi , J. Prabakaran , A. P .Sathiyagnanam , K. Ramanaiah And A. V. Ratna Prasad, “Effect Of Aluminium Oxide Nanoparticles On Emissions Of Diesel Engine Using Micro-Algae Bio-Diesel” , *International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)* ISSN(E): 2249–8001 Vol. 10, Issue 3, June 2020, 1877–1882. **SCOPUS**.
49. G. Jamuna Rani, Y.V. HanumanthaRao and B. Balakrishna, “Combined Effect Of EGR And Alumina With Bio-Diesel Blend On The Output Of Ci Engine”, *International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)* ISSN(E): 2249–8001 Vol. 10, Issue 3, June 2020, 1883–1892. **SCOPUS**.

50. Muthuluru Rajesh, Y.V. Hanumantha Rao P.S. Srinivas, Srinivas Prasad Sanaka
“Experimental Investigation Of Dual Biodiesel By Using VCR Engine”, International
Journal of Mechanical and Production Engineering Research and Development
(IJMPERD) ISSN(E): 2249–8001 Vol. 10, Issue 3, June 2020, 1395–1402. **SCOPUS**.
51. Ch. Venkata Prasad, Dr. K L. Narayana, Dr. V V. Subba Rao, “Surface Modifications
And Properties For Caryota Urens Cellulose Fibers Reinforced Polymer Composites”,
International Journal of Mechanical and Production Engineering Research and
Development (IJMPERD) ISSN(E): 2249–8001 Vol. 10, Issue 3, June 2020, 1423–
1432. **SCOPUS**.
52. Dr. K. Srinivas, P. Gopinadh Chowdary, A. H. R. Madhuri, “ Optimization of Injection
Pressure and Compression Ratio of VCR CI Engine Fueled with Waste Plastic Oil
Blended with Diesel”, International Journal of Mechanical and Production Engineering
Research and Development (IJMPERD) ISSN(E): 2249–8001 , **SCOPUS**.
53. Nilesh R. Kolhalkar and V.L. Krishnan, “Mechatronics System Design for Weed
Management and Soil Condition Monitoring Within the Rows of Vineyards”,
International Journal of Innovative Technology and Exploring Engineering (IJITEE)
ISSN:2278-3075, Volume-9 Issue-4, February 2020.
54. S. Venkatesh and Dr. N. Ravi Kumar, “Evaluation of Steering Angles Through Four
Bar Link Mechanism”, International Journal of Scientific and Engineering Research
Volume 11, Issue 1, January-2020, ISSN 2229-5518.
55. G. Jamuna Rani, Y.V. HanumanthaRao and B. Balakrishna, “Influence of
MadhucaLongifolia Biodiesel Blends on Diesel engine Characteristics”, International
Journal of Innovative Technology and Exploring Engineering, ISSN: 2278-
3075, Volume-9 Issue-5, March 2020
56. V Sudheerkumar, CH Nagaraju, “ Modeling of Amplitude and Frequency of Vibration
for Rotor Bearing System using Ann and Taguchi Methods”, International Journal of
Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-9 Issue-1, PP
162- 169, May 2020.
57. K. SrinivasaRao, U. V. NarayanaRao, G. Yaswanth Kumar, A. Dattatreya Kumar, G.
Sridhar Babu, “Mechanical Properties of Fly Ash Based Geopolymer Concrete and
Conventional Concrete” , International Journal of Recent Technology and
Engineering, ISSN: 2277-3878, PP: 3121, Volume 8, issue 6, March 2020
58. U. V. NarayanaRao, G. Yaswanth Kumar, K. Srinivasa Rao, “ Design and
Sustainability of an Earthquake Resistant G+3 Residential Building”, International

Journal of Recent Technology and Engineering (JRTE) ISSN: 2277-3878, Volume-8 Issue-6, PP 4504, March 2020.

59. K. PrakashBabu, V. VijayaBabu, MedikondunageswaraRao, "Scheduling of Machines and AGVs Simultaneously in FMS through Hybrid Teaching Learning Based Optimization Algorithm", International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958, volume-9, issue-2, December 2019.
60. K. PrakashBabu, V. VijayaBabu, "Simultaneous Scheduling of Machines and AGVs in FMS Through Hybrid JAYA Algorithm", International journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume 9 issue 2, December 2019.

International Conferences:

1. G.Srivalli, Dr.SrinivasKommana, P.GopinadhChowdary, A.H. R.Madhuri, S.Satish Kumar, "Optimization Of Injection Pressure And Compression Ratio Of VcrCi Engine Fueled With Waste Plastic Oil Blended With Diesel", International conference on advances in renowned renewable energy technologies(ICARRET-2019) October 23rd&24th,2019,Organized by department of Mechanical department ,Velagapudi Ramakrishna Siddhartha engineering college,Vijayawada,ISBN 9788192329543,PP23
2. G. Jamuna Rani, P. GopinadhChowdary, A. GeethuPravya, A. SaiNandini, "Investigation Of Performance And Emissions Of Diesel Engine Fueled With Canola Biodiesel And Additives", International conference on advances in renowned renewable energy technologies(ICARRET-2019) October 23rd&24th,2019,Organized by department of Mechanical department ,Velagapudi Ramakrishna Siddhartha engineering college,Vijayawada,ISBN 9788192329543,PP 52.
3. A.N. PhaniDeepthi, K. Ramanaiah, A.V. Ratna Prasad, K. Hemachandra Reddy, V. Lakshmi Narayana,"Effect of aluminium oxide nanoparticles on emissions of diesel engine using micro-algae bio-diesel", International conference on advances in renowned renewable energy technologies(ICARRET-2019) October 23rd&24th,2019,Organized by department of Mechanical department ,Velagapudi Ramakrishna Siddhartha engineering college,Vijayawada,ISBN 9788192329543,PP 45.

4. MogiliAmaraiyah, Srinivas Prasad Sanaka,"Experimental investigation of dual biodiesel by using VCR engine",International conference on advances in renowned renewable energy technologies(ICARRET-2019) October 23rd&24th,2019,Organized by department of Mechanical department ,Velagapudi Ramakrishna Siddhartha engineering college,Vijayawada,ISBN 9788192329543,PP 33
5. A. SriHari Prasad, V.SrinivasaSai, K. VenkataRamana, V. Bala Krishna Murthy, "Establishment of "Back-Track" method : A simpler approach to determine Fibre elastic properties, 4th international conference on Advances in materials and manufacturing Applications, held on 29th-31st august 2019, organized by department of mechanical engineering, AmrithaViswavidyapeetham, Bangalore.
6. L.Gowthami, T.Hari Krishna, "Failure Mode and Effect Analysis for CNC Machines ",International Conference On Emerging Trends in Engineering Science and Technologies, held on 05th& 06th July 2019, at Narayana Engineering College, Nellore(AP).
7. V.BapiRaju, "Development Inventory Model of price dependent perishable products in Carbon Cap Regulations ",International Conference On " Computational and Experimental Methods for Advancing Engineering Systems Applications ",held on 23rd August 2019,at Vishnu Universal Learning.
8. V.SambasivaRao, Dr.A.Srinivasulu, "Experimental Investigation Of FDM Process for Testing of Tensile Strength ",International Conference On Emerging Trends in Engineering Science and Technologies, held on 05th& 06th July 2019, at Narayana Engineering College, Nellore(AP).
9. K.Raja, V.Sridhar, "Mechanical Performance of Nano-Copper Reinforced With Sic,AL₂O₃ Using Powder Metallurgy Process",International Conference On Emerging Trends in Engineering Science and Technologies, held on 05th& 06th July 2019, at Narayana Engineering College, Nellore(AP).
10. V.LakshmiNarayana, K.Ramanaiah, A.Praveen, "Performance and Emission Characteristics of Diesel Engine using Micro-AlgaeBiodiesel Blends with Aluminium Oxide Nano particles",International Conference On Emerging Trends in Engineering Science and Technologies, held on 05th& 06th July 2019, at Narayana Engineering College, Nellore(AP).
11. Murari.UmaRavindranath, Dr.C.Mahesh, "Simulation and Design Modification of Thermoacoustic Refrigerator ",International Conference On Emerging Trends in

Engineering Science and Technologies, held on 05th & 06th July 2019, at Narayana Engineering College, Nellore(AP).

12. NagamaniPonala, Dr.K.nagamalleswaraRao, “Design and Analysis of Solar Dryer for Processing of Food Waste ”,International Conference On Emerging Trends in Engineering Science and Technologies, held on 05th & 06th July 2019, at Narayana Engineering College, Nellore(AP).
13. RavitejaChopparapu, KartikRajuSambattula, Dileep Kumar Edara, RavitejaDasari, VigneshSycam, G. Srivalli and MallapuramBalaChennaiah, “ A Review Article on Water Purification Techniques by using Fiber Composites and Biodegradable Polymers”, International conference on Design Materials and Manufacture, held on 06th & 07th Dec 2019, at NIT Suratkal, Karnataka.
14. RavitejaChopparapu, Dr.MallapuramBalaChennaiah, G. Srivalli, KartikRajuSambattula, VigneshSycam, Dileep Kumar Edara, RavitejaDasari, “Biodegradable Polymer Filter Made from Fiber Composites for Addition of Minerals and Salts to Water” International conference on Processing and Characterization of Materials, held on 12th – 14th Dec 2019, at NIT Rurkela, Orissa.
15. G. VamsiBabu and V. Balakrishna Murthy, “Numerical Modeling of Conjugate Heat Transfer in Rocket Nozzle”, International Conference on Recent Advances in Mechanical Engineering (ICRAME-2020) organized by Department of Mechanical Engineering, Andhra University College of Engineering (A), Visakhapatnam-530 003, Andhra Pradesh, India, from 26th to 28th February-2020
16. K. HimaTeja, G. Srivalli and V. Balakrishna Murthy, “A Numerical Model to Study the Fluid-Structure Interaction at a Bridge Pier”, International Conference on Innovations in Thermo-Fluid Engineering and Sciences (ICITFES-2020) NIT Rourkela, India, 10th-12th February 2020.
17. HarikrishnaCh, nagarajuCh, “Modelling of Cylindrical Upsetting Process for Enhanced Ductile Fracture”, Imme19, International Conference “Recent trends in Metallurgy, Materials Science and Manufacturing”, NIT Tiruchinapalli, Tamilnadu, Dec : 27 – 29 2019
18. V. Umasaivaraprasad, K. Venkatarao, Ch. Nagaraju, “Experimental Estimation of Surface Quality in Ultrasonic Vibration Assisted Helical Milling”, International Conference on Emerging Trends in Mechanical Engineering (ICETME - 2019), 8-9th November 2019, Vignan University, Vadlamudi.

19. K Gopi Krishna, Koteswara Rao Unnam, Dr Nagaraju Cherukuri, “Mitigation of Stress Concentration in a plate having central hole subjected to tensile load using piezoelectric Patches”, National Conference on futuristic Trends in Materials, manufacturing and Mechanical engineering (FTMMME-2020), 28 th -29 th February 2020, NIT Raipur.